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1915-16

VALPARAISO UNIVERSITY BULLETIN

**FORTY-SECOND
ANNUAL CATALOG
1915-1916**

UNIVERSITY OF ILLINOIS

SEP 7 1916

PRESIDENT'S OFFICE

VALPARAISO, INDIANA

PRELIMINARY EDUCATION BLANK

Date.....	191	
		Official Position

BRANCHES OF STUDY	No. of Weeks Pursued	No. of Periods a Week	Length of Periods in Minutes	Grade Given
Composition and Rhetoric.....				
History of English Literature...				
English Classics.....				
History of American Literature				
Latin, Elementary				
Caesar				
Cicero.....				
Virgil				
Composition.....				
German				
French				
Greek				
Algebra				
Through Quadratics				
Algebra				
Through Logarithms				
Geometry, plane				
Geometry, solid				
Trigonometry				
History				
Civics				
Physics				
Laboratory				
Chemistry				
Laboratory				
Zoology				
Laboratory				
Botany				
Laboratory				
Physiology				
Laboratory				

EXPENSES ARE LESS HERE THAN AT ANY OTHER
INSTITUTION OF LEARNING IN THE LAND

The Forty-second Annual Catalog

OF

Valparaiso University (Accredited)

VALPARAISO, INDIANA

FOR THE YEAR

1915-1916

One of the Largest Institutions of Learning
in the United States

Published by the University

INDEX.



Administration	6
Boarding	158
Calendar	5
Care of Students.....	19
Choice of Studies.....	23
Course of Study.....	23
Departments:	
Arts and Sciences.....	46
Agriculture	97
Commerce	153
Dentistry	150
Domestic Economy.....	71
Education	43
Engineering	104
Architectural	116
Civil	106
Expression and Public Speaking.....	78
Fine Art.....	92
High School.....	28
Kindergarten Methods	39
Law	126
Manual Training	124
Medicine	143
Music	84
Penmanship	155
Pharmacy	135
Phonography and Typewriting.....	156
Preparatory	25
Primary Methods	41
Review for Teachers.....	35
Diplomas	23
Expenses	158
Faculty	7
Growth	17
How to Reach Valparaiso.....	18
Location	18
Purpose of the University.....	17
Register of Students.....	162
Regulations	24
Registration	22
Requirements for Entrance.....	22
Societies	20
Student Body	23
Time Given and Work Accomplished.....	23
Time Required for Graduation.....	23
University Year	22
Valparaiso the "City of Schools and Churches".....	19
What to do on arriving at Valparaiso.....	159

1915

SEPTEMBER						
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CALENDAR FOR THE YEAR 1915-1916

FALL QUARTER.

September 21, 1915, to December 9, 1915.

September 21. Tuesday. Fall Quarter opens 8:30 a. m.

Organization of classes and assignments made.

October 5. Tuesday. Department of Dentistry opens.

November 25. Thursday. Thanksgiving Holiday.

December 4. Saturday. Quarterly examinations.

December 9. Thursday. Fall Quarter closes.

WINTER QUARTER.

December 14, 1915, to March 2, 1916.

December 14. Tuesday. Winter Quarter opens 8:30 a. m.

Organization of classes and assignments made.

December 25. Saturday. Christmas Holiday.

February 26. Saturday. Quarterly examinations.

March 2. Thursday. Winter Quarter closes.

SPRING QUARTER.

March 7, 1916, to May 25, 1916.

March 7. Tuesday. Spring Quarter opens 8:30 a. m.

Organization of classes and assignments made.

May 20. Saturday. Quarterly examinations.

May 22. Monday. Department of Medicine Commencement.

May 25. Thursday. Department of Pharmacy Commencement.

Spring Quarter closes.

SUMMER QUARTER.

May 30, 1916, to August 17, 1916.

May 30. Tuesday. Summer Quarter opens 8:30 a. m.

Organization of classes and assignments made.

May 30. Tuesday. Department of Dentistry Commencement.

June 21. Wednesday. Department of Law Commencement.

August 12. Saturday. Quarterly examinations.

August 17. Thursday. Commencement, Alumni Banquet. Summer Quarter closes.

ADMINISTRATION

HENRY B. BROWN, A. M., President of the University.

OLIVER P. KINSEY, A. M., Vice-President of the University.

EDWARD A. ANDERSON, A. M., Registrar of the University.

CATHARINE CORBOY, Secretary of the University.

MRS. SARAH P. KINSEY, A. M., Dean of Women.

G. E. WYNEKEN, M. D., Registrar of the Department of Medicine.

WILLIAM L. COPELAND, M. D., C. M., M. R. C. S., Secretary of
the Department of Dentistry.

CHARLES E. JONES, B. S., D. D. S., Registrar of the Department
of Dentistry.

JOSEPHINE GILMORE, Ph. B., Registrar of the Conservatory.

LUELLA F. PORTER, Librarian.

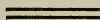
MRS. FRED STONER, Assistant Librarian.

ROBERT B. EWING, B. S., Auditor.

JOHN W. LA VIOLETTE, Secretary of the Young Men's Christian
Association.

IDA M. HAINES, B. S., Pg. B., in special charge of the Young
Women's Christian Association.

FACULTY



HENRY B. BROWN, A. M., President of the University.

OLIVER P. KINSEY, A. M., Vice-President of the University. Dean
of the Department of Arts and Sciences.

PROFESSORS.

HARRISON N. CARVER, A. M., Professor of Latin and Greek.

KATHERINE E. CARVER, A. M., Professor of Latin.

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T. L. HYTTINEN, Professor of Manual Training.

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*Died March 13, 1915.

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BURTON HOWLETT, Assistant in Physics.

AMANDA GRUENERT, Instructor in German.

RAMON NOVOA, Instructor in Spanish.

MARY VELLA, Instructor in Italian.

D. McCULLOUGH, Assistant in Medical Physiology Laboratory.

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LUTHER M. WHITE, Assistant in Geology.

ROY LOUGHRIDGE, Assistant in Zoology.

EARL PINKERTON, Assistant in Zoology.

CHARLES S. MILLER, Assistant in Zoology.

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FRANK THEROUX, Instructor in Surveying.

ARTHUR SMALLEY, Assistant in Testing Laboratory.

PAUL L. BURKHART, Assistant in Surveying.

C. E. CARLSON, Assistant in Surveying.

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GROVER C. CHOSTNER, Ph. C., Assistant in Pharmacy Laboratory.

CLARENCE LUDLOW BROWNELL, A. M., Instructor in English.

ELIAS W. STRICKLAND, B. S., LL. B., Instructor in Commercial
Correspondence.

F. L. REYNOLDS, Assistant in Manual Training.

C. H. GREIST, Assistant in Manual Training.

H. D. CALLISON, Assistant in Manual Training.

MYERS ZIMMERMAN, Assistant in Typewriting.

ERMA WENTE, Assistant in Typewriting.

E. H. KUNDERT, Assistant in Actual Business.

NORA RAGER, M. D., Instructor in Rhinology, Laryngology and
Otology.

BLANCHE A. BURGNER, M. D., Instructor in Neurology.

ROLLO K. PACKARD, M. D., Instructor in Surgery.

CLYDE E. KING, M. D., Instructor in Surgery.

JACOB W. BOLOTIN, M. D., Instructor in Physical Diagnosis.

JOHN SPRAFKA, M. D., Instructor in Surgery.

MAUDE L. ETHERIDGE, M. D., Instructor in Pediatrics.

RICHARD AMBROSE ROCHE, B. S., M. D., Instructor in Surgery.

WILLIAM JOSEPH QUIGLEY, B. S., M. D., Instructor in Surgery.

FREDERICK OLENTINE, M. D., Instructor in Surgery.

RALPH CHARLES SULLIVAN, A. M., M. D., Instructor in Surgery
and Clinical Assistant.

LEONARD C. BORLAND, M. D., L. P., Instructor in Anatomy.

J. R. WATT, D. D. S., Instructor in Prosthetic Technics.

JOHN E. KOLAR, D. D. S., Instructor in Operative Technic.

M. L. SCHMITZ, D. D. S., Instructor in Oral Pathology.

A. E. DeREIMER, D. D. S., Instructor in Oral Surgery.

I. JIRKA, D. D. S., Instructor in Anatomy.

VINCENT J. KEATING, M. D., Assistant in Gynecology.

HERMAN REINSCH, M. D., Assistant in Gynecology.

PORTER W. SUMMERS, M. D., Assistant in Medicine.

LEO A. JUHNKE, M. D., Assistant in Gynecology.

PHILO E. SNYDER, M. D., Assistant in Gynecology.

ZAN D. KLOPPER, M. D., Assistant in Gynecology.

GEORGE N. BEECHER, M. D., Assistant in Medicine.

CHARLES N. BECKER, M. D., Assistant in Surgery.

LEWIS J. DAY, M. D., Assistant in Surgery.

ROBERT MEACH PHILLIPS, M. D., Assistant in Medicine.

MEYER S. PEDOTT, M. D., Assistant in Medicine.

RALPH M. EPSTEIN, M. D., Assistant in Pediatrics.

A. BROM. ALLEN, D. D. S., Demonstrator in Extracting.

F. F. MOLT, D. D. S., Demonstrator in Radiography.

CARL A. HALLIE, A. B., D. D. S., Demonstrator in Infirmary.

E. S. DILGER, D. D. S., Demonstrator in Infirmary.

J. B. NELSON, D. D. S., Demonstrator in Infirmary.

J. W. FORD, D. D. S., Demonstrator in Infirmary.

C. R. BELDING, D. D. S., Demonstrator in Infirmary.

M. R. LINDAAS, D. D. S., Demonstrator in Infirmary.

VALPARAISO UNIVERSITY

Valparaiso, Indiana

Was founded September 16, 1873, with three departments, four instructors, thirty-five students, and a part of what is now known as the Old College Building.

The founders, realizing that the great majority of young people are prevented from attending higher institutions of learning on account of the enormous expense, and in many cases on account of the impractical courses of study and the unreasonable length of time required to secure even an ordinary education, resolved to establish an Institution where rich and poor would have an equal chance; where *work*, not *wealth*, would be the standard; in fact, where all would have the opportunity of obtaining a thorough, practical education at an expense within the reach of those having the most modest means.

In order to accomplish this it was necessary

1. *That the instruction should be of the highest order.*
2. *That, in order to save time, the Institution should be in session the entire year.*
3. *That everything that would in any way detract from actual school work should be eliminated.*
4. *That the work should be thoroughly practical.*
5. *That the equipment should be complete.*
6. *That the expenses should be the very lowest.*

Each succeeding year the attendance has been greater than that of the previous year. From an enrollment of 35 students the attendance has increased to an annual enrollment of **GROWTH** more than 5,000 students; from 3 departments to 21 departments; from 4 instructors to 218 instructors; from a part of the Old College Building to 11 large school buildings, including the 3 buildings in Chicago for medical and dental work; from very meager laboratories to laboratories that now accommodate 600 students working at one time, or 1,800 daily; from a library of a few hundred books to one of more than 15,000 choice works of reference.

Steady growth and unparalleled prosperity could not continue

for nearly half a century unless the work offered and the equipment furnished were such as to satisfy the real needs of the average student.

The University is located at Valparaiso, a prosperous city in Northern Indiana, about fourteen miles from the southern shore of Lake Michigan. Valparaiso being located on one of the highest points of land in Indiana, within the limit of the lake breezes, is free from all miasmatic poisons. It is situated in as beautiful and fertile a tract of country as can be found in the Northwest and for healthfulness it is unsurpassed. These facts, together with the intelligence and Christian character of its inhabitants, make it one of the most desirable places for a University anywhere to be found.

When the University was founded, what is known as College Hill was a "Commons." Now the entire space is occupied by University buildings, dormitories and hundreds of residences. Then there was but one railroad, now there are three. At the beginning of the Institution, Valparaiso had a population of about 2,500, now it has a population of more than 8,000, not including the students, and is supplied with all modern improvements—electric light, gas, an extensive system of sewerage, paved streets and one of the most complete systems of waterworks anywhere to be found. The water, which is obtained from a lake three miles north of the city, is pronounced by chemists to be of the purest.

Valparaiso is easily reached from all points, being located on the Pittsburg, Ft. Wayne & Chicago (Pennsylvania), the Grand Trunk, and the New York, Chicago & St. Louis (Nickel Plate) Railroads, 44 miles east of Chicago. Going westward, these roads make connection at Chicago with all lines leading into the city. Going eastward, the Pittsburg, Ft. Wayne & Chicago Railway makes connections at Plymouth with the Lake Erie & Western Railway (natural gas route), and the Vandalia Line. These make connection with all roads leading into Indianapolis. Further eastward the Pittsburg, Ft. Wayne & Chicago Railway makes connection with all north and south lines. Going eastward the Grand Trunk Railway makes connection at Wellsboro with the Baltimore & Ohio and the Chicago & West Michigan Railway, at South Bend with the Lake Shore & Michigan Southern, and with all north and south lines in Michigan. Going eastward the New York, Chicago & St. Louis Railway makes connection with all north and south lines. The Chicago, Indianapolis & Louisville Railway (Monon Route), running the entire length of the State from north to south, also

from Indianapolis, makes connection at Hammond with the New York, Chicago & St. Louis Railway.

There are six large church buildings in Valparaiso with seating capacities ranging from 800 to 1,500. There are two smaller buildings, each with a seating capacity of 400. When it is known that every Sunday all the pews in these various churches are occupied it will be admitted that this is a church-going people. Each of the several Sunday Schools has an attendance ranging from 200 to 400 pupils. The young people's societies of the various churches are correspondingly large, while the Young Men's and the Young Women's Christian Associations in connection with the University are among the largest in the State.

From the organization of the Institution there have been dormitories for women and dormitories for men, but it has not always been possible to accommodate all in separate buildings. However, the Institution has now ample buildings and provides all women with accommodations in dormitories and private houses for women only, and no woman is permitted to take rooms in buildings not approved by the Faculty. Each of these buildings is in charge of an experienced Matron who gives her entire time to the care of the occupants of the building. In addition to this the Y. W. C. A. is in charge of a Secretary who gives her time to the spiritual and social life of the society. Besides this there is a Board of Management which provides entertainment, receptions, lectures and various kinds of wholesome recreation for the young women. There are no sororities of any kind, nor do the students attend public or private dances, nor other social functions that are not approved by this Board.

Equal care is given to the men of the University. Their dormitories are in charge of secretaries who look after their interests in every way. The Y. M. C. A. also has a Secretary who, with certain members of the Faculty, acts as a Board to provide suitable entertainment and recreation. The same regulations with reference to fraternities, dances, etc., apply to them as to the women; in fact, students and Faculty are one, not only in their student life, but in their social life as well.

In case a student becomes sick while attending the University, he is given immediate and careful attention. When necessary, nurses are provided at very little expense to the student, and the parents or guardian notified, so that no fears need be entertained

that he will be neglected, or that his sickness will be kept secret.

In cases of emergency, there is in Valparaiso an excellent hospital where the very best attention is given students, at the most reasonable rates.

The members of the Faculty make reports of any absentees, of any who are not progressing satisfactorily, of any who need private help, of any cases of sickness. All these are given immediate attention and every necessary want supplied.

There are many literary societies in connection with the University. Since the students come from all parts of the world these societies usually go by States, or by sections of the SOCIETIES United States, or by classes. Prominent among these are the Scientific Society, German Society, Music Society, Catholic Society, International Society, Southern Society, Eastern Society, Rocky Mountain Society, Indiana Society, Ohio Society, Michigan Society, Wisconsin Society, etc. These various societies give excellent literary and musical programs. They work in harmony with each other and the University.

Among the lecturers and entertainments during the past year were the following:

Hon. Samuel H. Thompson, State Superintendent Public Instruction, Nashville, Tenn.	July 2, 1914
Mrs. Jean Sherwood, "Painting"	July 12, 1914
Mrs. Jean Sherwood, "Sculpture"	July 13, 1914
Rev. Peter J. O'Callaghan, "Ideals"	Aug. 6, 1914
Hon. Philander C. Claxton, National Commissioner of Education, Wash., D. C., "The Triumph of Democracy."	Aug. 13, 1914
Hugh Craig, Editor of the N. A. R. D. Journal, "Pharmacist and Laity."	Oct. 9, 1914
Miss Winifred Chappell, Vice-President, Chicago Train- ing School, "The Woman Movement."	Oct. 12, 1914
Mr. Fred H. Rindge, "Human Factor in Industry"	Nov. 13, 1914
Department of Expression, "For One Night Only"	Dec. 1, 1914
Dr. Waitman Barbe, Dean of the Department of English, University of West Virginia, "The Literature of the Old South."	Dec. 11, 1914
Dr. M. J. Exner, of New York, "A Rational Fight for Self-Mastery."	Dec. 12, 1914
Bishop W. F. McDowell, of New York, "The Best Creed"	Dec. 13, 1914
Rev. Ray Morton Hardy, "The Psychology of Thought"	Dec. 15, 1914
Dr. W. F. Richardson, Kansas City, Mo., "Militarism on Trial."	Dec. 17, 1914

Mr. G. W. Hoover, Chief Chemist of the U. S. Food and Drug Laboratory, of Chicago, "Applications of the Food and Drug Law."	Dec. 18, 1914
Dr. Miner Lee Bates, President Hiram College, Hiram, Ohio.	Dec. 30, 1914
Dr. Richard Henry Crossfield, President Transylvania University, Lexington, Kentucky.	Dec. 30, 1914
Mr. A. J. Elliott, and Mr. Ted Mercer, Field Workers of the National Board of Y. M. C. A.	Jan. 7-11, 1915
Miss Lucy H. Pearson and Miss Edith Dabb, Field Workers of the National Board of Y. W. C. A.	Jan. 7-11, 1915
Dr. Hugh O'Donnell, Illustrated Lecture on British West Indies.	Jan. 16, 1915
Miss Mary Elizabeth Arnold, Dean of Women, Thomas Normal Training School, Detroit, Michigan, "Social Ethics."	Jan. 18, 1915
Mr. F. A. Miller, Botanist for Eli Lilly & Co., "Drug Cultivation."	Jan. 21, 1915
Valparaiso University Opera Department, "Iolanthe"	Feb. 2, 1915
Dr. Gustav Schvan, Representative of International Peace Congress, "Peace."	Feb. 5, 1915
Mr. Wilford Ward, whose father was immortalized by Alfred Tennyson, "Tennyson."	Feb. 18, 1915
Mr. Daniel B. Luten, Consulting Engineer, Indianapolis, Indiana, "Permanent Bridge."	Feb. 19, 1915
Mr. F. W. Dencer, Engineer American Bridge Company, Gary, Ind., "Shop Plans."	March 12, 1915
Dr. Clarence B. Strouse, of Richmond, Virginia. "The Problem of the South."	March 12, 1915
Dr. Ira Howerth, Head of the Department of Education, at State University of California.	March 17, 1915
Rabbi Stephen Wise, of New York, "Ideal and Idealists."	March 22, 1915
Mr. Bruce Leffingwell, Chicago, "Pleasant Valleys and Rocky Mountains."	March 24, 1915
Mr. H. A. Goldman, "Railway Appraising"	March 26, 1915
Annual May Festival, "The Messiah"	May 4, 1915
Given by the University Chorus of 200 voices under the direction of Orlee E. Weaver.	
Annual May Festival—Myrtle Elvyn, pianiste	May 5, 1915
Annual May Festival—The Zoellner String Quartette	May 6, 1915
Annual May Festival—The Paulist Choir	May 7, 1915

The University year is divided into four quarters of twelve weeks each. For the school year 1915-1916 the terms will open as follows:

THE UNIVERSITY YEAR First Quarter, September 21, 1915; Second Quarter, December 14, 1915; Third Quarter, March 7, 1916; Fourth Quarter, May 30, 1916.

Students entering at these times may find much of their work in the regular classes then in session, or they may take up new work, as may be desired.

In all departments excepting the Music Department and the Preparatory Department, in which students may begin work at any time, admission is advised if possible at the beginning of a quarter. New classes are formed in nearly all subjects at the beginning of each quarter and this is believed to offer ample accommodation to those desiring to enter the University.

The above does not apply to the Departments of Law, Medicine and Dentistry in which admission is permitted only at the beginning of each year.

Since the University maintains a complete and thoroughly equipped High School Department no entrance requirements are stipulated. However in the higher departments REQUIREMENTS such as Arts and Sciences, Education, Law, FOR ENTRANCE Engineering, etc., certain requirements for entrance are demanded which are set forth under the head of each department. Students are advised to familiarize themselves with the work required and offered by the department in which they expect to do work, before entering the University.

The University does not admit to any of its departments anyone under sixteen years of age.

All students are required to register before beginning work. By registering is meant the payment of tuition fees and in the cases of those seeking degrees, the presentation REGISTRATION of preliminary education credits. A preliminary education blank will be found in the front of this catalog. Students are requested to have these blanks properly filled out before entering. Duplicate blanks may be had by addressing

The Registrar,
Valparaiso University,
Valparaiso, Indiana.

The University has representatives from every State and Terri-

tory in the Union, from the provinces of Canada and from nearly all the foreign countries. These young people are refined and cultured, and come from the best families. While many come from homes of luxury, yet the majority have made their own money and are paying their own way.

The Institution does not promise to please every one, yet the universal testimony of those who come here for work is that they get more than value received for the time and money expended. Valparaíso University students are known by their work only.

DIPLOMAS

The University is regularly chartered and confers the usual degrees.

The time required for the completion of any one of the courses of study depends entirely upon the previous preparation made by the student. In order, however, to receive a degree from any of the higher courses, it is necessary for the student to be a resident of this University at least one year.

The regular courses of study will be found in the following pages. It is not necessary that students remain consecutive years (although this is always desirable) as the classes are so arranged that the student may drop out for a term, or year, as the case may be, then return and take up his studies where he left off without any inconvenience whatever.

In considering the amount of work done, it must be remembered that a school year here means forty-eight weeks, with daily recitations in each subject of one hour each; no vacations, and few holidays. By this arrangement as much work may be done here in one year as is usually accomplished at most institutions in one and a half years, where the length of the year does not exceed thirty-six weeks, and the hours of recitation are not so long nor so many per week and where all holidays are observed.

Long experience in school work has demonstrated that giving students the privilege of selecting their studies is a wise provision.

While young pupils need and must have careful advice and direction, yet experience has shown that after the elementary studies are passed and the student has made some decision as to his life work, the choice of studies may, with safety, be left to him,

and with more satisfactory results. It is worse than useless to try to change the course of his life by compelling him to do work which he knows will never be of use to him; hence the University gives students the privilege of selecting their studies. This gives those who desire to make a specialty of certain subjects the opportunity of doing so. Again, it enables those who are preparing to teach in the various States to select subjects required in those States. Credits received in these special subjects apply on any of the regular courses of study.

I. Students may enter the University at any time by paying tuition for one term from time of entrance. II. Should students pay for more than one term, and UNIVERSITY REGULATIONS be obliged to leave, all tuition excepting for their term then in progress, will be refunded. Tuition for a broken term is not refunded. This does not apply to the Department of Medicine, and the Department of Dentistry. In these, tuition for the current year is not refunded. III. When money for board is advanced, and the student is obliged to leave before the time expires for which payment is made, weekly rates are charged to the time of leaving—the balance refunded. IV. In case of sickness, or an absence of more than three weeks, the student will receive from the Secretary of the Board of Trustees a certificate which will entitle him to the unused time, which may be made up at any term. No certificate is transferable. V. Should it be necessary for a student to be absent from a class he must first secure an excuse from the President. VI. As far as possible the University holds itself accountable for the morals of the student, and the utmost care is used so that no improper associations are formed. VII. Students will be dismissed for neglect of duty and for improper conduct. The authorities reserve the right to interpret what shall be considered improper conduct. VIII. Inasmuch as the success and welfare of the student depends upon the University having the entire control of his time and association, he will also be dismissed for engaging, without permission of the President, in any course of instruction, study, or business enterprise outside of the University. IX. All students will be received, or dismissed, at the discretion of the President.

Public announcements concerning these regulations are made at the opening of every term, so that students may always be thoroughly informed concerning them.

The University realizes that it can have its greatest prosperity only when other institutions of learning are prospering, and it has always been its policy to work in harmony with all other schools.

DEPARTMENTS

PREPARATORY DEPARTMENT.

Beginning classes are organized in all the subjects in this department at the beginning of every term, and not at the opening only, but at different periods during the term so that students may enter at any time and begin wherever they may desire.

The University believes the student should have correct training in the Common Branches, as these form the foundation for that which is to follow. Many are inclined to pass unnoticed this most important part of a true education.

A Preparatory Department is maintained because the University desires to assist all who are seeking an education, of any grade. The only preparation necessary before entering the Institution is that the student be able to read in the common school books. In fact, many who are not prepared to enter the beginning classes come here. To these private instruction is given until they are able to take class work. This department, as well as all others, is in charge of experienced teachers, and just as careful attention is given to the instruction as in the highest department of the University. It is the purpose of this department to give the student a thorough knowledge of the fundamental principles of the subjects studied, thus laying a careful foundation for the systematic investigation of the higher courses of study.

Special opportunities are offered foreigners for learning the English language.

DESCRIPTION OF COURSES.

ARITHMETIC.

In Arithmetic there are nine different grades. One begins at the first of the Practical Arithmetic, another with Fractions, another with Percentage; in the Higher Arithmetic a class begins directly after Division of Simple Numbers and completes the subject as far as and including True and Bank Discount; a fifth grade begins with Percentage, and in one term completes the work, giving about equal time to each part; a sixth grade begins with Percentage and passes quite rapidly over the applications, and gives special attention to the more difficult parts of the work; a seventh grade,

called the Commercial Class, gives special attention to Business Forms; an eighth grade *Reviews* the entire subject of Arithmetic in one term. The work in this last grade belongs to the Teachers' Department; a ninth grade gives special attention to Mental Arithmetic, Rapid Calculation, etc.

With so many grades the student never fails to find the particular work desired. The method used here in the investigation of this subject differs from that of any other school. It has been tested in many of the common schools, high schools and colleges and has proved eminently successful.

LANGUAGE LESSONS AND GRAMMAR.

In the Language lessons special attention is given to correct forms of expression, choice of words, their meaning, etc. In English Grammar there are four classes. One beginning at the very first and going slowly; another beginning at the first, and going more rapidly, completing about half of what is usually known as the *text*; another completing the work; a fourth reviewing the entire subject.

GEOGRAPHY.

In this course, Descriptive Geography, attention is given to the physical features, the commercial rank and the political and educational standing of each country, following especially the causes that have given it its rank.

Map-drawing is taught by sketching, by enlarging maps and by molding. Twenty-four weeks are given to this subject.

UNITED STATES HISTORY.

Twenty-four weeks are given to this work. In the first term of twelve weeks attention is given to the period from the Discovery of America to the Close of Washington's Administration, the Discoveries, the Formation and Growth of Settlements, their Development toward Union, the Causes and Results of the Revolution, the Formation of the Constitution and Government. These are intensively studied and are supplemented by frequent reports.

The second term of twelve weeks deals with the Period of the Administrations. Stress is laid on the Growth of Political Parties, Tariff, the Significance of the War of 1812, Internal Improvement, Industrial and Territorial Expansion, Slavery, the Civil War, Reconstruction, Recent Industrial and Territorial Expansion, and the Foreign Policies. Frequent reports.

PHYSIOLOGY.

In this subject there is a twelve weeks' course designed for those wishing an elementary knowledge of the entire subject of Human Physiology. This course, consisting of sixty hours of recitation and twenty-four hours of laboratory work, is given each term of the year.

A laboratory fee of 50 cents is charged.

LETTER WRITING AND PUNCTUATION.

Classes in Letter Writing and Punctuation are formed at the beginning and middle of each term. These classes are for students who wish to learn correct forms in Business Correspondence and in Social Usages.

READING AND SPELLING.

Special attention is given to these subjects, so often neglected in preparatory schools. No one who is not accurate in spelling and quite a correct reader can hope to accomplish much in the business or professional life. Every student whether in the Preparatory Department or not, has the privilege of entering these classes.

CIVICS.

The student gets an insight into what the government is, and its relation to the citizen. A careful analysis is made with a view of giving to the student a better appreciation of citizenship.

PENMANSHIP.

This work is in charge of a specialist who gives his entire time to this department.

VOCAL MUSIC.

The rudiments of music are studied with a view of properly opening the way to the student for advanced work.

DRAWING.

Twenty-four weeks are given to the study of drawing. Beginning with elementary work the student is brought to an appreciation of the subject with a good foundation for carrying the work much farther if desired.

HIGH SCHOOL DEPARTMENT.

As there are great multitudes of young people who have not been situated where they could have high school advantages, or who, for some reason, have not been able to complete their high school course of study, the University through its charter is allowed by the State of Indiana to issue official certificates of high school equivalency.

This department is maintained to meet the needs of persons who wish to become teachers, or enter professional schools or colleges, or who, for any cause, wish the advantages of a high school education.

Fifteen units are required for graduation. A unit is defined as thirty-six weeks work in one subject, with recitations five times per week and the recitation period fifty-two minutes in length.

Three units in English, two units in Mathematics, two units in a Foreign Language, one unit in a Natural
REQUIRED WORK Science, and one unit in History are required for graduation. Latin or German or French may be elected as the Foreign Language.

The other six units may be elected from the subjects outlined in the course, or chosen from Domestic Sci-
ELECTIVE WORK ence, Agriculture, Manual Training or Commercial work. Credit will be given for work already done in official high schools or other accredited schools.

The certificate granted upon the completion of the course is equivalent to a diploma from a commissioned High School in Indiana.

Students may enter this department at the beginning of any quarter.

HIGH SCHOOL EQUIVALENT COURSE.

FRESHMAN YEAR.

First Term	Second Term	Third Term
Algebra I	Algebra II	Algebra III
Rhetoric I	American Literature	American Literature
Biology	Biology	Biology
Latin, German or	Latin, German or	Latin, German or
French I	French II	French III

JUNIOR YEAR.

First Term	Second Term	Third Term
Rhetoric II	English Literature	Ancient History
Geometry I	Geometry II	Geometry III
Physics A or Chem A	Physics B or Chem B	Physics C or Chem C
Latin, German or French IV	Latin, German or French V	Latin, German or French VI

SENIOR YEAR.

First Term	Second Term	Third Term
English Classics	English Classics	English Composition
Latin, German or French VII	Latin, German or French VIII	Commercial Arithmetic
Med. and Mod. History	U. S. History	Physiography
U. S. History	Drawing	Civics
Debating	Parliamentary Law	Vocal Music
	Debating	

MATHEMATICS.

COURSE I—*Five hours. Twelve weeks.*

Algebra I. Beginning with Elementary Algebra the study is carried to Higher Algebra. A good foundation for the continuance of the subject is obtained with particular attention to the analysis of the problems found in the text.

COURSE II—*Five hours. Twelve weeks.*

Algebra II. This is a continuance of Algebra I. Commencing with Higher Algebra the subject is continued as far as Quadratics.

COURSE III—*Five hours. Twelve weeks.*

Algebra III. This course is a continuance of Algebra II. Commencing with quadratics the text is completed. Especial attention is given to numerous "Originals" which open the way for a systematic study of the Higher Mathematics.

COURSE IV—*Five hours. Twelve weeks.*

Geometry I. During this course the student gets an insight into the nature of the subject.

This term's work covers the usual theorems and constructions of American text-books, including special and general properties of rectilinear figures; the circle and angular measure; and the theory of limits.

COURSE V—*Five hours. Twelve weeks.*

Geometry II. During this course Plane Geometry is finished.

The term's work covers the usual theorems and constructions of good American text-books, including theory of proportion; similar polygons; proportional lines; areas of polygons; regular polygons and measurement of the circle; maxima and minima; symmetry; continuity and duality.

COURSE VI—*Five hours. Twelve weeks.*

Solid Geometry. This course covers the usual theorems and constructions of good American text-books, including the relation of lines, planes and angles in space; polyhedrons,—especially emphasizing the properties and measurement of prisms, parallelopipeds, pyramids and prismatoids; the construction of regular polyhedrons; regular solids; cylinders and cones; the sphere and spherical triangles; spherical areas and volumes; applications to physics, engineering and astronomy.

Texts: Bogarte, Euclid's Elements, Wentworth's Plane and Solid Geometry, Durell's Plane and Solid Geometry.

HISTORY.

COURSE I—*Five hours. Twelve weeks.*

United States History I. This course covers the period from the Discovery to the close of John Adams' administration. Emphasis is placed upon the period of Discoveries and Explorations; the formation, growth and unification of the Colonies; the causes and results of the Revolution; the formation and establishment of our government.

COURSE II—*Five hours. Twelve weeks.*

United States History II. Special emphasis is placed upon the industrial, educational, political and territorial expansion; the second war of independence; the rise of the slave issue, slave compromises including the war with Mexico and culminating in the Civil war; the period of reconstruction; the second period of great commercial, industrial, political and territorial expansion, including the war with Spain and the entrance upon an era of great international influence.

COURSE IV—*Five hours. Twelve weeks.*

Ancient History. An intensive study of the essentials of Ancient Oriental civilization in Asia and Egypt, Ancient Greece and Rome. Frequent oral and written reports on special topics.

COURSE V—*Five hours. Twelve weeks.*

Medieval and Modern History. This course is a study of Medieval and Modern History. The more comprehensive epochs of this work are the Dark Ages; the Revival of Learning; The Intellectual and Political Revolutions. Frequent reports on special topics.

CIVICS.

COURSE I—*Five hours. Twelve weeks.*

The aim is to lead the student to a clearer knowledge and better appreciation of citizenship through a careful study of the organization and functions of government in relation to the citizen.

FOREIGN LANGUAGE.

COURSES I to VIII inclusive—*Five hours. Ninety-six weeks.*

Latin or German or French. A complete outline of the work offered in these subjects may be found on page 61.

CHEMISTRY.

COURSE A—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Inorganic Chemistry I. This is essentially a High School course intended to give the student preliminary work in chemistry. It introduces certain appropriate principles with their practical application. The main object is to awaken interest in the interpretation of new phenomena.

An appropriate laboratory course accompanies the class work.

Text: Smith's Elementary Chemistry.

A laboratory fee of \$2.50 is charged.

COURSE B—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Inorganic Chemistry II. Continuation of Course I. This course includes a study of the common metals and carries with it, laboratory experiments as in the preceding course.

Text: Smith's Elementary Chemistry completed.

A laboratory fee of \$2.50 is charged.

COURSE C—*Five hours recitation and laboratory. Twelve weeks.*

An elementary course in chemical analysis. Lectures and recitation work, alternating with laboratory practice.

A laboratory fee of \$2.00 is charged.

PHYSICS.

COURSE A—*Five hours recitation and lecture. Two hours laboratory. Twelve weeks.*

This course consists of a brief introduction to the subjects, a study of the fundamental properties of matter, dynamics and mechanics of solids and fluids.

Prerequisite—Algebra I.

A laboratory fee of \$1.50 is charged.

COURSE B—*Five hours recitation and lecture. Two hours laboratory. Twelve weeks.*

This course is also an elementary course, a continuation of Course A. The topics pursued are waves, thermometry, expansion, and transfer of heat energy.

Prerequisite—Course A.

A laboratory fee of \$1.50 is charged.

COURSE C—*Five hours recitation and lecture. Two hours laboratory. Twelve weeks.*

This course is a continuation of Course B, completing the high school work in Physics. The subject matter consists of selected studies in magnetism, electricity, sound and light.

Prerequisite—Course B.

A laboratory fee of \$1.50 is charged.

BIOLOGY.

COURSE A—*Five hours recitation and lecture. Two hours laboratory. Twelve weeks.*

Botany. The roots, stems and leaves of the seed plants are studied. In connection with the study of roots, attention is given to their relation to the soil, absorption, excretion, tubercules, transplanting, etc. In connection with the study of stems, the principles of grafting, budding, pruning, etc., is considered. In connection with the study of leaves, the manufacture, accumulation and use of plant food is discussed.

Laboratory and field work accompanies the recitations.

A laboratory fee of \$1.00 is charged.

COURSE B—*Five hours recitation and lecture. Two hours laboratory. Twelve weeks.*

Botany. This course is devoted to the study of the seedless plants, the flowers, seeds and fruits of the seed plants, forestry, plant breeding, plant diseases, and the more important families, especially those of economical importance are studied.

A continuation of the laboratory and field work begun in Course A.

A laboratory fee of \$1.00 is charged.

COURSE C—*Five hours recitation and lecture. Two hours laboratory. Twelve weeks.*

Zoology. Branches of the animal kingdom are studied and

typical examples of each branch are studied in detail. The meaning of animal relationships is emphasized and an introduction to the study of evolution is given.

Animals, representing the different branches studied are dissected in the laboratory and notes are written describing the animal structures.

A laboratory fee of \$1.00 is charged.

COURSE D—Five hours recitation and lecture. Two hours laboratory. Twelve weeks.

Zoology. A continuation of Course C. The remainder of the branches of the animal kingdom not studied in the preceding course are taken up.

The laboratory work represents a continuation of that given in Course C.

A laboratory fee of \$1.00 is charged.

ENGLISH.

COURSE I—Five hours. Twelve weeks.

Rhetoric I. The Theory of Rhetoric is studied. This includes punctuation, diction, construction of sentences, figures of speech, versification, poetic and prose forms.

COURSE II—Five hours. Twelve weeks.

Rhetoric II. Different methods of outlining subjects are presented; essays, reports, etc., are written; discussions prepared and delivered; reviews and newspaper reports made; in fact all writing of a practical character is done.

Texts: Hart's Revised Rhetoric. References: A. S. Hill's Foundations of Rhetoric and Principles of Rhetoric.

COURSE III—Five hours. Twelve weeks.

A study of the most important productions of the American poets: Longfellow, Whittier, Lowell, Holmes, Bryant, and Emerson.

Texts: Long's American Literature and Halleck's American Literature, and "American Poems."

COURSE IV—Five hours. Twelve weeks.

American Literature. Brief historical survey, using Halleck's American Literature as a text, together with special study of several representative American writers.

COURSE V—Five hours. Twelve weeks.

History of English Literature. Historical survey of English

Literature with emphasis on the periods, movements, literary types and the work of the greater writers.

Text: Long's History of English Literature.

COURSE VI—*Five hours. Twelve weeks.*

English Classics. This course includes a careful study of selections from Essays of Macaulay, Lamb, Addison, De Quincey, and Ruskin. Two reports, one oral, the other written, based on the reading of two representative novels selected from the works of Dickens, Thackeray, Hawthorne, Eliot, Reade, Kingsley, and Scott constitute a requirement for credit in this course.

COURSE VII—*Five hours. Twelve weeks.*

English Classics. This course includes a careful study of four or five selections from the following list: Sonnets and Minor Poems of Milton; Macbeth; Julius Caesar; Merchant of Venice; Midsummer Night's Dream; Selection from Palgrave's Golden Treasury; Vision of Sir Launfal. The outside reading and reports required for a credit in the course are the same as for Course VI, which see.

COURSE VIII—*Three hours. Twelve weeks.*

English Composition. Includes a review of the formal elements of composition. Daily short themes and longer weekly themes are required.

COURSE IX—*Three hours. Twelve weeks.*

English Composition. The various types of composition are discussed, and theme writing in the different types is required. Especial attention is given to short story writing.

PHYSIOGRAPHY.

COURSE I—*Five hours. Twelve weeks.*

Careful attention is given to the working out of the various theories and causes that give our earth its varied surface, that produce the phenomena of its atmosphere, and distribute and sustain life.

ANY HIGHER ARITHMETIC—*Five hours. Twelve weeks.*

VOCAL MUSIC—*Five hours. Twelve weeks.*

DRAWING—*Five hours. Twelve weeks.*

REVIEW DEPARTMENT FOR TEACHERS.

This department is maintained to meet the wants of those who have but a short time to remain in school. Many students have been teaching for years, and having a short time out of school work desire to improve it by reviewing certain subjects. Again there are those who find it necessary to teach new subjects with which they were once familiar, but not having had practice in the same, must have a hurried review in order to do efficient work. Especially is this true of the Natural Sciences. Again, there are those who wish to review work in the Department of Arts and Sciences, the Department of Pharmacy, the Department of Commerce.

All students have here an opportunity of giving attention to the special subject or subjects desired. There are each term review classes in all of the work in all of the common branches and in nearly all of the higher branches. Students may take part review and part regular work, as they may desire, since one tuition covers all.

DESCRIPTION OF COURSES.

ARITHMETIC—*Five hours. Twelve weeks.*

The higher arithmetic is reviewed with the view of learning the principles involved in the entire subject. The pupil is given a thorough analysis of the fundamentals, and teachers desiring a review are given an opportunity of observing the practical application of Fractions, Denominate Numbers, Percentage, in the difficult subjects of Commission and Brokerage, Interest, Discount, Exchange, Insurance, Partnership, etc.

ALGEBRA—*Five hours. Thirty-six weeks.*

These courses include Algebra I, II and III. Elementary Algebra is reviewed and Higher Algebra completed. The student is not only made familiar with the problems and discussions as found in the text, but also with numerous "Originals" which bring out independent thought, thus opening the way for a systematic study of the Higher Mathematics. There are three courses in this subject: one reviews the Elementary Algebra; one commences with Higher Algebra and continues as far as Quadratics and a third commences with Quadratics and completes the text.

GEOMETRY, PLANE AND SOLID—*Five hours. Thirty-six weeks.*

Three terms are given to this branch. While the work of the text is carefully studied, yet in this, as in Algebra, special attention is given to "Originals," thus emphasizing the independent thought

thus far acquired. No memorizing of demonstration is permitted. No books are used in the class room. Careful attention is given to the elementary principles, and these are not left until the student understands thoroughly what it means to give a clear, systematic demonstration of a theorem.

GRAMMAR—*Five hours. Twelve weeks.*

In this department the work consists of a thorough review of the subject. The subject is taught inductively, special attention being given to the object, attribute, relation, idea, word, thought, and sentence. The sentence forms the principal subject of discussion. The essential elements of the sentence are carefully taught, followed by a complete analysis of the manner in which these elements are modified. The "Parts of Speech" are carefully reviewed, special attention being given to the difficult points such as the classification of phrases and clauses, a comparison of the Finite and Infinite verbs, Voice, The Relative Pronoun, Case, etc. Then the sentence is analyzed and reviewed as a whole. The teacher becomes familiar with the method of teaching this important subject.

DESCRIPTIVE GEOGRAPHY—*Five hours. Twenty-four weeks.*

In this course Geography is reviewed. In some instances it may be completed in twelve weeks, while in others twenty-four weeks are required. In this, as in all of the review classes, the purpose is to become familiar not only with the text, but with the very best method of presenting the subject to classes.

PHYSIOLOGY—*Five hours. Twelve weeks.*

For teachers and those familiar with the subject of Physiology, an opportunity is given to review the entire subject in one term. In connection with this there is special laboratory work.

A laboratory fee of 50 cts. is charged.

UNITED STATES HISTORY, REVIEW—*Five hours. Twelve weeks.*

The work in this class is for more mature students, and for teachers. The aim is to give the students a wider and more philosophic view of the larger problems in our history. Broader reading and independent investigation are encouraged.

CIVICS—*Five hours. Twelve weeks.*

The aim is to lead the student to a clearer knowledge and better appreciation of citizenship through a careful study of the organization and functions of government in relation to the citizen. The work consists in (a) tracing the constitutional causes of the formation of our government; (b) a careful interpretation of the Con-

stitution as exemplified in the functions of our government; (c) local government, the Township, County, City and State. The student is expected to give a clear explanation of the local government under which he happens to dwell.

Texts: Montgomery's American History. References: Hildreth, Ridpath, Bancroft, Greeley, etc. Civics: "Civil Government," by Schwinn and Stephenson.

PHYSICS, CHEMISTRY, BIOLOGY and PHYSIOLOGY.

In Physics, Chemistry, Biology and Physiology, while the theoretical work, as found in the best texts, receives careful consideration, yet almost all the work in these subjects is done in the laboratories, with which the University is abundantly supplied. Special attention is given to the *particular science work required in the best public schools*. The student in these classes may take the work which belongs to the Teachers' Course, or he may do the more advanced work if he so desires.

GENERAL HISTORY—*Five hours. Twenty-four weeks.*

The work is organized on the assumption that History is a science which teaches the evolution of civilization through institutional forms. Twelve weeks are given to Ancient History and twelve weeks to Medieval and Modern History.

PSYCHOLOGY AND PEDAGOGY.

The work in this department is presented from a teacher's standpoint. The University realizes that the very best methods and the highest degree of proficiency in the science and art of teaching are acquired in the class room, hence each recitation has in view two objects: first, the thorough mastery of the subject under discussion; second, the very best method of presenting it to pupils.

The advanced courses in Psychology and Pedagogy may be found on page 44.

RHETORIC—*Five hours. Twenty-four weeks.*

At the opening of each term, classes are organized in both beginning and advanced Rhetoric. In the beginning classes, the theory of Rhetoric is studied. This includes punctuation, diction, construction of sentences, figures of speech, versification, poetic and prose forms. Different methods of outlining subjects are presented; essays, reports, etc., are written; discussions prepared and delivered; reviews and newspaper reports made; in fact, all writing of a practical character is done. By this method, the student is enabled readily to express his thoughts and to see the faults and merits in any composition.

Texts: Hart's Revised Rhetoric. References: A. S. Hill's Foundations of Rhetoric and Principles of Rhetoric.

LATIN AND GERMAN.

In these subjects attention is given to a careful foundation for the study of the advanced work as found in the Department of Arts and Sciences.

LITERATURE

The following courses are especially attractive to teachers:

COURSE XXI—*Five hours. Twelve weeks.*

A study of the most important productions of the American poets: Longfellow, Whittier, Lowell, Holmes, Bryant, and Emerson.

Texts: Long's American Literature and Halleck's American Literature, and "American Poems."

COURSE XXII—*Five hours. Twelve weeks.*

Chaucer's Prologue to the Canterbury Tales, the Knightes Tale, and the Nonne Preeste Tales, are studied six weeks. One of Shakespeare's comedies is studied three weeks and one of Shakespeare's tragedies is studied three weeks.

Texts: Halleck's New English Literature and any standard edition of Chaucer, and of Shakespeare.

COURSE XXIII—*Five hours. Twelve weeks.*

The first six weeks are devoted to a study of King Lear, and the last six weeks are used in the study of one of Scott's novels.

Texts: Halleck's New English Literature and any standard edition of King Lear, and of the novel.

COURSE XXIV—*Five hours. Twelve weeks.*

One of Charles Dickens' works is studied the first six weeks and one of George Eliot's novels the last six weeks.

Texts: Halleck's New English Literature and any standard edition of Dickens' and George Eliot's novels.

COURSE XV—*Five hours. Twelve weeks.*

Course for Teachers in Secondary Schools. This includes a thorough survey of the classics, those constituting college entrance requirements specially; choice, arrangement, interpretation, and presentation for high school instruction is discussed. Discussions, reports, conferences, and observation constitute a feature of this course.

DEPARTMENT OF KINDERGARTEN METHODS.

The work of this department is intended to meet the needs of those who desire to fit themselves for Kindergarten work.

Applicants for Kindergarten training, if entering for a diploma, must be graduates from an accredited high school or have equivalent attainment, or secure the necessary credits before completing the course.

Satisfactory evidence of work completed in other Kindergarten schools will be given credit in this Institution.

Students may enter this department at any time and will receive their diploma when the work is finished.

Certificate Course.

FIRST TERM (12 weeks):

1. Kindergarten Theory.
2. Psychology.
3. Drawing.
4. Practice Teaching.
5. Handwork.
6. Child Study.

SECOND TERM (12 weeks):

1. Kindergarten Theory.
2. Child Study.
3. Psychology.
4. Drawing.
5. Practice Teaching.
6. Handwork.

THIRD TERM (12 weeks):

1. Kindergarten Theory.
2. Pedagogy.
3. Rhetoric.
4. Practice Teaching.
5. History of Education.
6. Story Telling.
7. Debating.

FOURTH TERM (12 weeks):

1. Clay Modeling and Pottery.
2. Rhetoric.
3. Methodology.
4. Elective.
5. Debating.

Senior Year.**FIRST TERM (12 weeks):**

1. Mother Plays.
2. Study of Gifts.
3. Symbolic Education.
4. Philosophy of Education.
5. American Literature.
6. Psychology III.
7. Practice Teaching.

SECOND TERM (12 weeks):

1. Education of Man.
2. Study of Gifts.
3. English Literature.
4. Sociology.
5. Practice Teaching.
6. Vocal Music.

THIRD TERM (12 weeks):

1. Practical experience in conducting class.
2. Practical experience in directing a Kindergarten.
3. Primary Observation.
4. Library Reading.
5. Sociology.
6. Vocal Music.
7. Psychology IV.

The candidate for the diploma must have an elementary knowledge of the piano.

HAND CRAFTS FOR TEACHERS.

This course is designed for teachers of the elementary grades. It consists of construction work, Weaving, Basketry, Clay Modeling, Pottery, Paper Folding and Cutting.

For this course a fee of \$1.25 is charged to cover the cost of materials used.

DEPARTMENT OF PRIMARY METHODS.

There are two courses offered in this department: A one year's course upon the completion of which a certificate is granted; and a more extended course designed for those who wish advanced work, upon the completion of which a diploma is granted.

OUTLINE OF STUDIES.

Certificate Course.

This course presumes a good working knowledge of the subjects of study of the Primary School Course: reading, writing, spelling, arithmetic, history, geography, physiology and grammar.

FIRST TERM (12 weeks)

1. Psychology I.
2. Methodology I.
3. Rhetoric II.
4. Pedagogy.
5. Penmanship.

SECOND TERM (12 weeks)

1. Psychology II.
2. Methodology II.
3. Drawing.
4. Primary Methods I.
5. Elocution.
6. Debating.

THIRD TERM (12 weeks)

1. Philosophy of Education I.
2. Observation.
3. Elementary Manual Training.
4. Child Study I.
5. Primary Methods II.
6. Debating.
7. Parliamentary Law.

FOURTH TERM (12 weeks)

1. Methodology III.
2. Zoology.
3. Primary Methods III.
4. Lectures and Didactics.
5. Songs and Games.

Diploma Course.

To enter this course one must be a graduate from a commissioned or certified high school or must have equivalent attainment and must have completed the work required in the Certificate Course of this Department.

FIRST TERM (12 weeks)

1. Mythology.
2. Primary Music.
3. Mother Plays.
4. Algebra III.
5. Nature Study.

SECOND TERM (12 weeks)

1. Geometry II or Trigonometry.
2. Child Study II.
3. Story Telling.
4. Manual Training.
5. Lectures and Didactics.

THIRD TERM (12 weeks)

1. Symbolic Education.
2. Psychology III.
3. Observation and Practice.
4. Botany or Zoology.
5. History of Education.

FOURTH TERM (12 weeks)

1. Lectures and Didactics.
2. Psychology IV.
3. Education of Man.
4. Folk Games.
5. Botany or Zoology or Geology.

SPECIAL PRIMARY WORK FOR COUNTRY SCHOOL TEACHERS.

Special classes for primary work in the country schools will be organized in the summer term. This is to meet the demands of the teacher who is struggling with a mixed program of several grades.

DEPARTMENT OF EDUCATION.

PROFESSIONAL WORK.

The work in this department leads to two degrees, a shorter course to the degree of Bachelor of Pedagogy, and a longer course to the degree of Bachelor of Arts in Education.

To obtain this degree the candidate must be a graduate of a commissioned high school or must have equivalent attainment; then successfully pursue thirty-two courses, THE BACHELOR OF ten of which must be professional and PEDAGOGY DEGREE twenty-two of which must be academic.

A course consists of one subject for a term of twelve weeks, five hours of recitation per week.

The ten professional courses may be chosen from the twenty professional courses offered in the Department of Education. The other twenty-two courses are given in the regular university departments of the Institution. Four of these are Mathematics, four are Latin or German or French, four are History and Literature, five are Science, and five elective.

To obtain this degree the candidate must have a high school education or equivalent attainment, then successfully pursue forty-eight courses, fifteen of which must THE BACHELOR OF ARTS be professional. The other thirty- DEGREE IN EDUCATION three are academic.

The fifteen professional courses are chosen from the nineteen professional courses offered in the Department of Education. The thirty-three academic courses are given in the regular university departments of the Institution. They are, eight Latin or German or French, five mathematics, four literature, three histories and thirteen sciences.

An educational thesis is also required.

This course is a regular college course, carrying with it the prestige of the traditional college A. B. It can be completed in three school years of forty-eight weeks each.

The purpose of the work in the Department of Education is to develop in its students true, practical, professional *teaching ability*; the ability consciously to teach in harmony with the laws of mental evolution and the laws which organize any branch of knowledge. The possession of such ability by the teacher is thought to depend upon (1) a thorough knowledge of the subject to be

taught; (2) a systematic knowledge of the laws which govern the evolution of the life of the learner. In pursuance of this purpose the following work is offered:

1. Thirty-three academic college subjects along the lines of (1) mathematics; (2) language; (3) science, and (4) literature and history.

2. PSYCHOLOGY—*Five hours. Sixty weeks.*

In this subject five courses of psychology, introspective, comparative, objective and experimental are offered. The organizing idea of the work is development, and the complex phenomena of the mind are organized around this central idea. The work is both general and educational.

3. PEDAGOGY—*Five hours. Twelve weeks.*

In this subject one course is offered. It is a study in detail of the institution whose specific purpose is education. This institution, the School, is studied as co-ordinate with the Church, State, Family, and the Vocation as societies of civilization. As an institution it is seen to realize the idea which created it, and its manner of so doing is traced out.

4. METHODOLOGY—*Five hours. Thirty-six weeks.*

In this work three courses are offered. Current approved methods in the subjects in the elementary course are critically studied. The work presupposes a reasonable familiarity with the common school subjects. It is not merely a study of devices. It is a study of the three processes in the art of teaching: (1) the thinking the learner does; (2) the thinking the teacher does and (3) the handling of devices by both the learner and the teacher.

In General Method the true nature of method is studied. This is followed by the specific application of the laws of method to the elementary school subjects.

5. SOCIOLOGY—*Five hours. Thirty-six weeks.*

In this subject three courses are offered. In this work the elements of sociology are pointed out and studied. The individual is studied as a socius; that is, as a companion, a teacher, a learner and a co-worker.

6. HISTORY OF EDUCATION—*Five hours. Twenty-four weeks.*

In this subject two courses are offered. The race's ideals of education as exposed by its best representatives during the progress of civilization are studied. It is the purpose not so much to find out a standard for imitation, as to learn what has been with a view of finding out what ought to be.

7. PHILOSOPHY OF EDUCATION—*Five hours. Twenty-four weeks.*

In this subject two courses are offered. It is the purpose in this subject to show the known facts of education and to unify the different aspects. The *biological*, the *physiological*, the *sociological*, the *psychological* and *philosophical* aspects of education are carefully studied and unified.

8. PAIDODOLOGY—*Five hours. Twenty-four weeks.*

In this work, child study, two courses are offered. The purpose, scope, history, literature, methods and results of the child study movement are studied. Genetic psychology is especially emphasized.

9. OBSERVATION AND PRACTICE—*Five hours. Twelve weeks.*

In this work one course is offered. It consists of the observation of teachers and children at work in city schools, and critiques of the work observed.

10. EDUCATIONAL ADMINISTRATION—*Five hours. Twelve weeks.*

In this work one course is offered. It consists of the study of (1) how to organize school systems; (2) how to manage a system of schools and (3) how to supervise.

11. THE AMERICAN HIGH SCHOOL—*Five hours. Twelve weeks.*

In this work one course is offered. It consists of the study of the purpose, evolution, condition and needs of the high school; that is, of secondary education.

CLASSES "A," "B," and "C" WORK FOR TEACHERS.

Valparaiso University is accredited by the State Board of Education for preparing teachers for all the classes, "A," "B" and "C."
CLASS "A" WORK.

The subjects for class "A" teachers are (1) pedagogy, (2) methodology, and (3) psychology, or sociology, or philosophy of education.

CLASS "B" WORK.

The subjects for class "B" teachers are (1) psychology; (2) methodology and (3) history of education, or philosophy of education, or sociology.

CLASS "C" WORK.

For a class "C" certificate it is necessary that the candidate be a graduate from the Department of Education of the University.

Students are given opportunity to elect other professional subjects in lieu of those indicated above for Classes "A" and "B" teachers, in case the student so desires.

DEPARTMENT OF ARTS AND SCIENCES.

The work in this department leads to two degrees: Bachelor of Science and Bachelor of Arts.

To obtain either one of these degrees the candidate must have a high school education or equivalent attainment, then successfully pursue the work here outlined.

For those who are unable to fulfill these requirements, the University maintains a complete preparatory department an outline of which may be found on page 28.

Students may enter this department at the beginning of any quarter. The work is so arranged that it can be completed in three years of forty-eight weeks each.

Forty-eight credits are required for graduation (a credit being defined as twelve weeks work in one subject.) They are:

Science	12
Language	8
English	8
Mathematics	4
History	3
Forensic work	1
Major subject	8
Elective	4
<hr/>	
Total	48

The candidate for the degree must elect a major subject in which he will do work to the extent of eight credits.

To obtain the Bachelor of Science degree the candidate must elect as his major subject Physics or Chemistry or Biology or Mathematics.

THE BACHELOR OF SCIENCE DEGREE This represents the regular four years' college course of study and is recommended to those who are seeking a strong scientific education whether for cultural purposes only or with the view of ultimately pursuing Medicine, Dentistry, Law, etc.

To obtain the Bachelor of Arts degree the candidate must elect Latin or German as his major subject. The eight credits required for this major work must be done as follows: four credits in further pursuit of the Latin or German which has been carried as Language and four credits in either Greek or French. The four elective credits must be done in Philosophy.

The four credits presented in major work in Latin or German must include Courses XIII, XIV, XV and XVI.

The work for this degree is intended to bring within the reach of all the broader culture which has always been indispensable to the highest success in professional life, and is equally indispensable to the honorable discharge of the common duties of citizenship. And it has been abundantly proved that those who honestly do the work can pursue the work here begun to the utmost limits fixed by natural ability and the duties of life.

Work for credits may be selected from the following courses:
MATHEMATICS.

Courses VII to XIV inclusive.

SCIENCES.

The work done in Sciences must meet with the approval of the Dean of the Department.

Chemistry—Courses I to XX inclusive.

Physics—Courses I to VIII inclusive.

Biology.

Botany—Courses I to VI inclusive.

Zoology—Courses I to IV inclusive.

Geology—Courses I to IV inclusive.

Physiology—Courses II and III.

Mineralogy—Course I.

Bacteriology—Course I.

ENGLISH.

Courses VIII to XX inclusive.

LATIN.

Courses I to XVI inclusive.

GERMAN.

Courses I to XVIII inclusive.

GREEK.

Courses I to IV inclusive.

FRENCH.

Courses I to VIII inclusive.

HISTORY.

Courses VI to XI inclusive.

PHILOSOPHY.

Courses I to IV inclusive.

FORENSIC WORK.

Debating twenty-four weeks. Parliamentary Law twelve weeks. Required and accepted as one credit.

MATHEMATICS.

COURSE VII—*Five hours. Twelve weeks.*

Trigonometry. Trigonometry is taught as a branch of Geometry. The various methods of solving plane and spherical triangles are investigated and applied in original exercises, as the measuring of heights and distances and the simpler problems in Astronomy. The student derives, memorizes and applies the various formulæ for the sum and the difference of angles and functions of angles, multiples and sub-multiples of angles, without which any general application of Trigonometry would be impossible.

Texts: Wentworth's revised Plane and Spherical Trigonometry, Longman's School Trigonometry.

COURSE VIII—*Five hours. Twelve weeks.*

University Algebra. This course in higher algebra is open to all students who have finished Geometry and Trigonometry. The work covers permutations and combinations; probability (chance); binomial theorem,—proof by mathematical induction and by deduction; logarithms; interest and annuities; limiting values and vanishing fractions; convergency and divergency of series; undetermined coefficients; decomposition of fractions; continued fractions; summation of series; the binomial theorem; exponential and logarithmic formulæ; determinants; theory of equations.

Texts: Hall & Knight's Algebra for College and Schools, Todhunter's Treatise on Algebra, Burnside and Panton.

COURSE IX—*Five hours recitation. One hour observation. Twelve weeks.*

Astronomy I. This course is open to students who have had Trigonometry.

The student considers: Methods of locating the heavenly bodies, astronomical instruments, correction of errors of observation, the earth as an astronomical body, the moon, the sun, celestial mechanics, tides, eclipses.

Texts: Young's Manual of Astronomy, Young's General Astronomy, Newcomb and Holden's Astronomy.

COURSE X—*Five hours recitation. One hour observation. Twelve weeks.*

Astronomy II. This course is a continuation of Course IX.

The planets, parallax, comets, meteors, fixed stars, double stars, clusters, nebulae, cosmogony are studied. The same texts as are used in Course IX are used.

A fee of 50 cents is charged all students taking Astronomy. One fee covers both Course IX and Course X.

COURSE XI—*Five hours. Eighteen weeks.*

Analytical Geometry. Beginning classes are organized twice each school year, one at the opening of the Fall Term, and the other at the opening of the Spring Term.

The work is immediately followed by Calculus. Equations for the straight line, circle, conic sections, higher plane curves, and various surfaces, are studied. Plotting is an essential part of this work, giving the student a clear conception of the locus studied.

Texts: Wentworth's and Ashton's Analytical Geometry, Salmon, Ray's Analytical Geometry.

COURSE XII—*Five hours. Thirty weeks.*

Differential and Integral Calculus. This immediately succeeds the Analytical Geometry. Differential Calculus is studied for twelve weeks, consisting of differentiating the ordinary algebraic functions, logarithmic functions, trigonometric functions; with the application of these processes to problems of maxima and minima, curve tracing, problems in mechanics, expansion of functions, etc. Integral calculus requires eighteen weeks, consisting of the study of various methods of integration, calculation of areas, volumes, moments of inertia, etc. Plotting is an important part of this work.

Texts: Campbell's Calculus, Rice and Johnson's Differential and Integral Calculus, Williamson's Treatises, Todhunter's Differential and Integral Calculus.

COURSE XIII—*Five hours. Twelve weeks.*

Differential Equations I. In this course a careful study is made of differential equations of the first order involving the first, second and higher degrees of the derivative; equations of the second order; linear equations with constant coefficients and the same with variable coefficients; solutions in series, etc.

Prerequisite: Physics I, II, III, and IV; Analytical Geometry and Calculus; it is better to have had Theoretical Mechanics, but this is not insisted upon.

Text: Johnson.

COURSE XIV—*Five hours. Twelve weeks.*

Differential Equations II. This course is a continuation of Course XII, but includes a study of partial differential equations. The same text is used.

SCIENCES.

The University is completely equipped with laboratories fitted with every appliance necessary to the thorough investigation of the subject pursued.

CHEMISTRY.

Various courses are offered, courses intended for those who desire a general knowledge of the subject, and for those who desire to make practical use of Chemistry in Medicine, Dentistry, Pharmacy and Chemical Analysis.

This science is always taught in connection with experiments demonstrating the subject under consideration. Aside from the work in the class room, each student is required to work in the laboratory under the direction of a special instructor from one to several hours each day, the time required depending upon the nature and advancement of the course. The laboratories are fully equipped with all modern appliances and afford an excellent opportunity for carrying on practical work.

There is included in these courses theoretical and practical work in Inorganic, Organic, Physiological and Pharmaceutical Chemistry; also both Qualitative and Quantitative Chemical Analysis. Those who complete the courses offered are qualified to do the work of a practical chemist. For further information write for special catalog.

The following courses are offered:

COURSE I—*Five hours recitation and lecture. Five hours laboratory work. Twelve weeks.*

Inorganic Chemistry III. This is a college course in chemistry, consisting of a study of the fundamental theories and laws underlying this science. The non-metals are studied in detail. Since this course is introductory to a careful study of chemistry, it should be elected only by mature students or by those who have completed High School Chemistry. Laboratory experiments adapted to the class work are required.

Texts: Lecture, Smith's General College Chemistry. Laboratory, Timmons' Experiments in General Chemistry.

A laboratory fee of \$3.00 is charged.

COURSE II—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Inorganic Chemistry IV. Continuation of Course I. This course consists in discussion of the metals, together with a brief survey of spectrum analysis, the periodic classification, and common organic compounds. Laboratory work required as in Course III.

Texts: Lecture, Smith's General College Chemistry. Laboratory, Timmons' Experiments in General Chemistry.

A laboratory fee of \$3.00 is charged.

COURSE III—*Three hours. Twelve weeks.*

Chemistry Drill. This is purely a drill class, offered to all taking introductory Chemistry. The time is given to practice in writing symbols, formulas, and equations, to the solution of problems and to general quiz work.

COURSE IV—*Five hours. Twelve weeks.*

Inorganic Chemistry V. This course is devoted to the study of theoretical and elementary physical chemistry. There is discussed the atomic theory; equivalent and atomic weights and methods of their determination; valency; electrolysis and the ionic theory; Mendelejeff's law; general properties of gases—Boyle's and Charles' laws; diffusion; liquefaction; kinetic theory; general properties of liquids—vapor density, vapor pressure, freezing point, and boiling point; solution; osmotic pressure; thermo-chemistry; and crystallography.

Text: Newth's Inorganic Chemistry, Part I.

COURSE V—*Three hours. Twelve weeks.*

Arithmetical Chemistry. A course covering practical chemical problems together with problems arranged to emphasize the relations and laws discussed in class. This course accompanies and is essential to the preceding one. No text is required. Problems are arranged by the instructor.

COURSE VI—*Five hours. Twelve weeks.*

Inorganic Chemistry VI. A resume of Course I, much more detailed and giving especial attention to both the practical and manufacturing application of this portion of chemistry. It includes a thorough study of all the non-metallic elements, together with arsenic, antimony, and bismuth.

Text, Newth's Inorganic, Part II.

COURSE VII—*Five hours. Twelve weeks.*

Inorganic Chemistry VII. A study of the spectroscope and its applications with careful consideration of all the common metals

and their compounds, together with a brief survey of rare metals. Special attention is given to official substances and to those having pharmaceutic or commercial importance. Radium and radio-activity and its application are discussed.

Text, Newth's Inorganic, Part III completed.

COURSE VIII—*Five hours. Twelve weeks.*

Organic Chemistry I. An introduction to organic chemistry, covering the aliphatic series. Optical activity is discussed and the polariscope used. The subject of stereo-isomerism is considered and illustrated with models. Experiments suggested by the text and others supplemental thereto are performed by the instructor.

Text, Remsen's Organic Chemistry.

COURSE IX—*Five hours. Twelve weeks.*

Organic Chemistry II. A continuation of Organic I, covering the cyclic series. References are made throughout both courses to all official organics as well as drugs or preparations containing them, the text book being constantly supplemented by the pharmacopoeia, dispensatories, texts on pharmacy, and materia medica. Experiments by the instructor as in the preceding course.

Text, Remsen completed.

COURSE X—*Three hours. Twelve weeks.*

Industrial Chemistry. Lectures on fuels, waters, fertilizers, explosives, lime and cements, glass, ceramics, destructive distillation processes and products, petroleum, soaps, carbohydrates, fermentation products, manufacture of heavy chemicals, etc. Lecture course, no text required, but references made to Thorp, Sadtler, Rogers and Wagner.

COURSE XI—*Ten hours. Twelve weeks.*

Analytical Chemistry I. This is a laboratory course in qualitative analysis with lectures and quizzes two hours per week. Systematic and special methods are presented for separating and recognizing all the common metallic and acid radicals. Particular attention is given to the determination of unknowns.

Text, Newth's Qualitative Analysis.

A laboratory fee of \$4.00 is charged.

COURSE XII—*Ten hours. Twelve weeks.*

Analytical Chemistry II. Gravimetric analysis is made the major throughout this term, although the qualitative composition of substances as unknowns is first determined and then the quantitative relationship. Advanced qualitative work including tests for

common organic acids is given to fill in all spare time which the necessity of certain gravimetric operations admit. Lectures and quizzes two hours per week.

Text, Newth's Qualitative and Quantitative Analysis.

A laboratory fee of \$4.00 is charged.

COURSE XIII—*Five hours. Twelve weeks.*

Volumetric Analysis. The determinations made by the student in this course embrace acidimetry and alkalimetry, oxidation and reduction, and volumetric precipitation. A considerable number of the Pharmacopoeial assays are made. The student receives a thorough training in preparation of standard solutions. The laboratory work is accompanied by lectures and quizzes.

A laboratory fee of \$3.50 is charged.

COURSE XIV—*Ten hours. Twelve weeks.*

Advanced Analysis. There is presented here first, simple analysis of furnace gas, illuminating gas, and sanitary examination of air. Text, Franzen. Notes and directions by the instructor with reference to Sutton, Clowes and Coleman, Newth, and others. Time, two hours per day for three weeks, or thirty hours. Second, a quantitative analysis of cements and common ores of iron, copper, zinc, lead, silver, etc. Application will be made of principles and technique acquired in gravimetric and volumetric analysis. No text required. Notes, directions and references given as in the preceding. Time, two hours per day for four weeks, or forty hours. Third, a short course in the ordinary technical examination of iron and steel, coke, limestone, and slag. No text required. Notes and directions as above, together with general references to analytic texts and special reference to Blair. Time, two hours per day for five weeks, or fifty hours.

A laboratory fee of \$4.00 is charged.

COURSE XV—*Five hours. Twelve weeks.*

Physiological Chemistry. This course covers both a qualitative and quantitative examination of urine, making use of gravimetric and volumetric methods, the centrifuge and microscope; analysis of gastric contents and saliva; and an examination of milk including the detection of preservatives and determination of quantity of fat present. Pamphlet, and notes given by instructor. Saxe, Holland and Simon's Clinical Diagnosis as reference books. No texts required. Laboratory work interspersed with lectures and quizzes.

A laboratory fee of \$2.50 is charged.

COURSE XVI—*Five hours. Twelve weeks.*

Water Analysis. This course is given concurrent with the course in Bacteriology, so that a complete sanitary as well as chemical examination of water may be made. It is mainly a laboratory course.

Text, Leffmann, or Mason.

A laboratory fee of \$2.50 is charged.

COURSE XVII—*Five hours. Twelve weeks.*

Alkaloidal Analysis. This is a laboratory course including both qualitative and quantitative work on the chemistry of the alkaloids. The student is taught to make tests for all of the more important alkaloids in galenical preparations, and in stomach contents. Practice is also given in the assay of alkaloidal drugs such as cinchona, nux vomica and opium.

Notes given by instructor. References, Pictet and Biddle, and Allen, Vols. VI and VII.

A laboratory fee of \$3.50 is charged.

COURSE XVIII—*Five hours. Twelve weeks.*

Pharmaceutical Testing. Many important U. S. P. tests, both qualitative and quantitative, not presented elsewhere in the course, will be taken up here. Practical examination of various pharmaceuticals will be made to determine if they come within the "purity rubric" demand. Text United States Pharmacopoeia, together with various references.

A laboratory fee of \$3.50 is charged.

COURSE XIX—*Ten hours. Twelve weeks.*

Synthetic Chemistry. A laboratory course in which a selected list of substances is made illustrative of typical classes of compounds, and of type reactions. Both the aliphatic and the cyclic series are dealt with.

Text, Cohen, with Gattermann, and Lassar-Cohn as references.

A laboratory fee of \$7.50 is charged.

COURSE XX—*Twenty hours. Twelve weeks.*

Food and Food Analysis. A laboratory course accompanied by lectures. The lectures embrace a consideration of the different classes of food principles, the amount of each necessary, and the purpose served by each. Different varieties of foods are considered in some detail, together with a discussion of their adulteration. The national and state food and drug laws are discussed.

The laboratory work includes examination of many classes of food materials, such as milk, spices, flavoring extracts, baking powders, edible fats and oils, sugar and saccharine products, and alcoholic beverages. The student is familiarized with a great variety of chemical apparatus and processes not met with in his ordinary pharmaceutical work.

Text, Leffmann and Beam, with Leach as reference.

A laboratory fee of \$12.00 is charged.

PHYSICS.

The work in Physics consists of a series of studies adapted to the needs of those preparing to teach, or to those who are pursuing a course in pure science, either as a means of mental discipline, or as a preparation for a course in Engineering or some other branch of technological science.

The following courses are offered:

COURSE I—Five hours recitation and lecture. Five hours laboratory. Twelve weeks.

Mechanics. Consists of a study of the fundamental properties of matter, inertia, capacity for energy, gravitation and elasticity. Special emphasis is laid on Newton's Laws on Motion and their application to mechanics.

Text: Cloud's Principles of Physics.

Pre-requisite—Algebra and Geometry.

A laboratory fee of \$2.50 is charged.

COURSE II—Five hours recitation and lecture. Five hours laboratory. Twelve weeks.

Fluids and Heat. Comprises a brief study of hydrostatics, special properties of matter, a chapter on waves, thermometry, the simpler effects of heat and an elementary treatise of heat engines.

Pre-requisite—Algebra and Geometry.

A laboratory fee of \$2.50 is charged.

COURSE III—Five hours recitation and lecture. Five hours laboratory. Twelve weeks.

Electricity and Magnetism. Brief historical survey or electrostatics, magnetism and current electricity. Considerable practice in the solution of problems is given.

Pre-requisite—Chemistry and Trigonometry.

A laboratory fee of \$2.50 is charged.

COURSE IV—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Sound and Light. A study of wave motion, vibrating bodies and properties of sound, reflection, refraction, dispersion, diffraction and polarization.

Pre-requisite—Courses I, II, III.

A laboratory fee of \$2.50 is charged.

COURSE V—*Three hours recitation and lecture. Four hours laboratory. Twelve weeks.*

Kinematics and Dynamics. This course consists of a more extended study of mechanics. The treatment is more mathematical and the laboratory work is more complicated. The present texts, Reed & Guthe College Physics and Millikan's Laboratory Manual.

Pre-requisites—Analytical Geometry and Calculus.

A laboratory fee of \$2.50 is charged.

COURSE VI—*Three hours recitation and lecture. Four hours laboratory. Twelve weeks.*

Heat and Thermodynamics. This course is a continuation of Course V, using same texts and assuming same pre-requisites.

A laboratory fee of \$2.50 is charged.

COURSE VII—*Three hours recitation and lecture. Four hours laboratory. Twelve weeks.*

Electricity and Magnetism. This course consists of electrical measurements with some development of the theory of electrical instruments and wireless telegraphy. Numerous problems.

Pre-requisites—same as Course V.

A laboratory fee of \$2.50 is charged.

COURSE VIII—*Three hours recitation and lecture. Four hours laboratory. Twelve weeks.*

Optics. This course consists of the study of geometrical and physical optics, with many problems.

Pre-requisites—same as Course V.

A laboratory fee of \$2.50 is charged.

BOTANY.

COURSE I—*Five hours recitation and lecture. Five hours laboratory and field work. Twelve weeks.*

This course includes a study of the morphology, evolution, and classification of the groups of plants, beginning with the lowest forms.

A laboratory fee of \$1.50 is charged.

COURSE II—*Five hours recitation and lecture. Five hours laboratory and field work. Twelve weeks.*

This course includes a study of the morphology, physiology, and ecology of the roots, stems, and leaves of the seed plants.

A laboratory fee of \$1.50 is charged.

COURSE III—*Five hours recitation and lecture. Five hours laboratory and field work. Twelve weeks.*

This course includes a study of symbiosis, saprophytic and carnivorous plants, flowers, seeds, germination, fruits and plant associations.

A laboratory fee of \$1.50 is charged.

COURSE IV—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

This course includes the preparation and study of microscopical sections of plant tissues, and the examination of cell products, vegetable foods and drugs by the compound microscope.

A laboratory fee of \$2.50 is charged.

COURSE V—*Five hours recitation and lecture. Five hours laboratory and field work. Twelve weeks.*

This course includes a study of absorption, and transfer of raw material, photosynthesis, digestion, assimilation and store of food; respiration, transpiration, growth and movements of plants.

A laboratory fee of \$2.50 is charged.

COURSE VI—*Two hours recitation and lecture. Eight hours laboratory and field work. Twelve weeks.*

This course includes a study of plants in their natural environment, the collection and preservation of illustrative specimens, a special study of trees and the elements of forestry.

A laboratory fee of \$1.50 is charged.

Texts and references, Coulter, Barnes and Cows, Stevens, Chamberlain, McDougall, Strausberger, Campbell, Kerner and Oliver, Sachs, Bailey, Goebel, Vines, Gray, Britton, Ganong, Hough.

ZOOLOGY.

COURSE I—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Introduction of Zoology: Classification of the invertebrate branches; ecology; a general discussion of evolution. The study of the typical representatives of the invertebrate branches.

A laboratory fee of \$1.50 is charged.

COURSE II—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Insecta and Chordata: Classification and discussion of the class Insecta and of the branch Chordata. Careful dissection and study of an insect, a fish, frog, turtle and pigeon.

A laboratory fee of \$2.00 is charged.

COURSE III—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Comparative Anatomy: A general study of the comparative anatomy of vertebrate. Animal histology, in which the student is taught how to mount, to study and to identify animal tissues.

A laboratory fee of \$2.50 is charged.

COURSE IV—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Economic Zoology: The economic relations of many animals are studied. A partial review of the previous terms' work is given. The student makes a collection of and a classification of one hundred species of insects. These insects are to represent all of the larger orders.

A laboratory fee of \$1.50 is charged.

Texts: Jordan, Linville and Kelly, Kingsley, Osborn. References: McMurrich, Weyssse, Parker and Haswell, Chapman, Thomson, Jordan and Heath, Kellogg, Comstock, Wiedersheim.

PHYSIOLOGY.

COURSE II—*Five hours recitation and lecture. Three hours laboratory. Twelve weeks.*

University Physiology. This course consists of a study of the chemical composition of the human body, tissues, osseous system, circulatory system and respiratory system.

A laboratory fee of \$1.00 is charged.

COURSE III—*Five hours recitation and lecture. Two hours laboratory. Twelve weeks.*

University Physiology. This course consists of the study of digestion, excretion, nutrition, the nervous system and the senses.

A laboratory fee of \$1.00 is charged.

Text: Martin's Human Body. References: Howell, Stewart, Hill, Halliburton, Brubaker, etc.

GEOLOGY.

COURSE I—*Five hours recitation and lecture. Twelve weeks.*

Dynamical, Structural and Physiographic Geology. In these subjects the forces, causes and laws underlying geological phenomena are considered. The destructive and reconstructive processes are carefully studied so that the earth's entire structure can be better understood.

COURSE II—*Five hours recitation and lecture. Twelve weeks.*

Historical Geology. A careful study is given to the various hypothesis of the earth's origin. The meaning of the geological succession of plants and animals is emphasized, and a study of the character and distribution of the rocks of each period is given with considerable detail.

COURSE III—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Economic Geology. The classroom work consists of lectures and quizzes on the occurrence and distribution of the various rocks and minerals that are of economic importance. The laboratory work is a course in blowpipe analysis. The student is taught how to identify by blow-pipe tests and by other means a large number of mineral and rock specimens.

A laboratory fee of \$3.00 is charged.

COURSE IV—*Five hours recitation and lecture.*

Advanced Dynamical and Structural Geology. This course is a continuation of Course I and the classroom work consists of lectures on advanced Dynamical and Structural Geology. A collection of drift boulders of this locality is made and the student is taught how to identify them. The student also learns how to interpret geological maps and he will be expected to make reports upon assigned topics.

A fee of \$1.00 is charged.

MINERALOGY.

COURSE I—*Five hours lecture. Five hours laboratory. Six weeks.*

This course is given especially to pharmacy students. Eighty rocks and mineral specimens are furnished. The student is expected to learn how to identify his specimens by means of the general properties of rocks and minerals and to learn their economic importance. A short discussion of crystallization is also given in this course.

A laboratory fee of \$1.00 is charged.

Texts: Scott, Hobbs, Ries, Bennett. References: United States Geological Survey Reports. Geikie, LeConte, Tarr, Chamberlin and Salisbury.

BACTERIOLOGY.

COURSE I—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

This course covers the microscopical examination of drinking water; qualitative and quantitative bacteriological analysis of water and sewage; practice in detecting sewage bacteria in suspected waters; the interpretation of chemical analysis bearing on bacteriological analysis; personal and public hygiene; contagion, pasteurization and sterilization.

A laboratory fee of \$2.50 is charged.

LATIN.

The following courses in Latin are offered:

COURSE I—*Five hours. Twelve weeks.*

Collar and Daniell, First Latin Book.

COURSE II—*Five hours. Twelve weeks.*

Collar and Daniell, First Latin Book.

COURSE III—*Five hours. Twelve weeks.*

Caesar, Part of Book I. Review of Paradigms.

COURSE IV—*Five hours. Twelve weeks.*

Caesar, Remainder of Book I, Book II. Latin Prose Composition.

COURSE V—*Five hours. Twelve weeks.*

Caesar, Book III, Book IV. Latin Prose Composition.

COURSE VI—*Five hours. Twelve weeks.*

Cicero, Pompey's Military Command. Latin Prose Composition.

COURSE VII—*Five hours. Twelve weeks.*

Cicero, Orations against Catiline, I, II. Latin Prose Composition.

COURSE VIII—*Five hours. Twelve weeks.*

Cicero, Orations against Catiline, III, IV. The Citizenship of Archias. Some classes may read the De Senectute instead of Pompey's Military Command.

COURSE IX—*Five hours. Twelve weeks.*

Virgil, Aeneid, Book I.

COURSE X—*Five hours. Twelve weeks.*

Virgil, Aeneid, Book II, Book III.

COURSE XI—*Five hours. Twelve weeks.*

Virgil, Aeneid, Book IV, Book V, Book VI.

COURSE XII—*Five hours. Twelve weeks.*

Jones, Latin Prose Composition.

COURSE XIII—*Five hours. Twelve weeks.*

Sallust, the Catiline, or the Jugurtha.

COURSE XIV—*Five hours. Twelve weeks.*

Cicero, the de Amicitia.

COURSE XV—*Five hours. Twelve weeks.*

Horace, a Satire or the de Arte Poetica, with the Carmen Seculare and Selected Odes.

COURSE XVI—*Five hours. Twelve weeks.*

Tacitus, the Germania and the Agricola.

GERMAN.

Connected with the work in German is the Germania Verein, a German society, which meets usually for an hour every Friday evening. It is a member of the Intercollegiate League of German Clubs of America, and under its auspices those studying German give two German comedies each year.

COURSE I—*Five hours. Twelve weeks.*

Elementary work, and special stress on the pronunciation. As far as possible German conversation goes hand in hand with the reading and grammatical drill. The text books are Duetsches Lern- und Lesebuch and Roessler's Essentials of German Grammar.

COURSE II—*Five hours. Twelve weeks.*

A continuation of Course I, using the same text books.

COURSE III—*Five hours. Twelve weeks.*

In addition to the books used in the first two courses the class will read Bacon's *Im Vaterland*, a description of Germany and the manners and customs of the German people. A number of folk-songs are memorized and sung.

COURSE IV—*Five hours. Twelve weeks.*

Review of the work in the grammar, the principal parts of the strong and mixed verbs and the passive voice. The reading texts are *Immensee* and *Hoeher als die Kirche*, from which the composition work is done.

COURSE V—*Five hours. Twelve weeks.*

Reading Schiller's *Wilhelm Tell*, and sometimes *Jungfrau von Orleans* four days a week and German composition one day a week. A study also of contemporaneous history as related to these dramas. The texts used are: Joynes-Meissner German Grammar, Wesselhoeft German Composition, *Wilhelm Tell*, *Jungfrau von Orleans*.

COURSE VI—*Five hours. Twelve weeks.*

Goethe's *Hermann und Dorothea* four days a week and German composition one day a week. German conversation and advanced grammar work, especially in the syntax, and the use of the infinitives and participles and the subjunctive mode.

COURSE VII—*Five hours. Twelve weeks.*

German lyrics and shorter poems of Goethe, Schiller, Heine, Uhland, Rueckert, Geibel, Scheffel, Koerner and others. The students are required to give reports on the lives and works of these German poets, and to memorize some of the poems. German Composition one day a week. The reading text is Hatfield's German Lyrics and Poems, and the students secure the material for their reports from the German department of the University Library.

COURSE VIII—*Five hours. Twelve weeks.*

The history of Germany in German. The text is *Erzaehlungen aus der Deutschen Geschichte*, and the students are to amplify the reading text with original composition work in German.

COURSE IX—*Five hours. Twelve weeks.*

Scientific German. The class reads articles on Chemistry, Physiology, Physics, Geology, and other sciences, as the time will allow, and the work is intended to fit the student for reading German scientific books.

COURSE X—*Five hours. Twelve weeks.*

German Prose. Freytag's *Soll und Haben* and Sudermann's *Frau*

Sorge. These are not translated by the class, but the students narrate in German the contents of certain pages or chapters of the text. These recitations are conducted wholly in German. Advanced German composition once a week, using Jagemann's German Prose Composition and Jagemann's Syntax.

COURSE XI—*Five hours. Twelve weeks.*

Lessing's Nathan der Weise, and a study of Lessing and his time. Composition once a week.

COURSE XII—*Five hours. Twelve weeks.*

Goethe's Faust, part one, and a study of Goethe and his time. Composition once a week.

COURSE XIII—*Five hours. Twelve weeks.*

History of German Literature from the beginning to Goethe. The text is Arnold's Deutsche Literaturgeschichte, and with the help of this outline the students will get their material from both German and English reference works in the University Library and report in German before the class. They will also read and give special attention to the Nibelungen Lied and Gundrun.

COURSE XIV—*Two hours. Twelve weeks.*

Modern German authors and their works. Twice a week, Mondays and Thursdays. In this and subsequent courses the students narrate in German the contents of the lessons, which usually constitutes a whole act of a drama, and all the work and discussions are in German.

Sudermann's Johannes.

Sudermann's Die Heimat.

Fulda's Der Talisman.

Fulda's Die Jugendfreunde.

Fulda's Das Verlorene Paradies.

Fulda's Der Dummkopf.

COURSE XV—*Two hours. Twelve weeks.*

Modern German authors are continued.

Grillparzer's Sappho.

Grillparzer's Ein Traum, ein Leben.

Grillparzer's Die Ahnfrau.

Grillparzer's Weh dem, der luegt.

COURSE XVI—*Two hours. Twelve weeks.*

Modern German authors are continued.

Kleist's Der Prinz von Homburg.

Hauptmann's Die Versunkene Glocke.

Wagner's *Die Meistersaenger von Nuernberg*.

Scheffel's *Der Trompeter von Saekkingen*.

COURSE XVII—*Two hours. Twelve weeks.*

Modern German authors continued and the history of German literature from Goethe to the present time.

Hebbel's *Agnes Bernauer*.

Hebbel's *Herodes und Mariamne*.

COURSE XVIII—*Three hours. Twelve weeks.*

This course is open to advanced students who intend to teach German and those who have been teaching German. The work consists of (a) a general survey of the grammar, (b) a discussion of methods of teaching in the various grades, (c) reports on observation work and (d) a drill on the German idiom. Those who desire may join a German table at the boarding halls.

FRENCH.

Classes in French are organized at the beginning of the year only.

The work of the first year in this subject gives special attention to pronunciation, fundamental principles of grammar and translation both into English and into French. An idea is given of the customs, life, and spirit of modern France.

Second year work brings the student to the heart of French literature through the master expression of great writers. Theme work and reports are required to develop the original use of the language.

COURSE I—*Five hours. Twelve weeks.*

Chardenal's Complete French Course. After the sixth week, reading and translation of easy French texts with emphasis on pronunciation.

COURSE II—*Five hours. Twelve weeks.*

Chardenal's Complete French Course continued. Brunot, *Tour de la France par deux enfants* or Malot, *Sans Famille*.

COURSE III—*Five hours. Twelve weeks.*

Chardenal's Complete French Course continued. Oral and written exercises in French on the texts used. Bazin, *Merimee*, or Maupassant,—*Contes Choisis*. Labiche, *Le Voyage de M. Perrichon*.

COURSE IV—*Five hours. Twelve weeks.*

C. Fontaine, French Prose Composition. Dictation. Readings from Coppee, Daudet, France, or Sandeau.

COURSE V—*Five hours. Twelve weeks.*

Francois, Advanced Prose Composition. Theme work in French based on readings in George Sand, Victor Hugo, and H. de Balzac.

COURSE VI—*Five hours. Twelve weeks.*

Francois, Advanced Prose Composition. Theme work continued, both oral and written. Reading in nineteenth century fiction and historical writers.

COURSE VII—*Four hours. Twelve weeks.*

Study of representative writing of seventeenth and eighteenth centuries as basis of theme work. Studies in the dramas of Dumas, Hugo, and Rostand. Reports on aspects of texts studied.

COURSE VIII—*Four hours. Twelve weeks.*

L'Age d'or de la litterature francaise. Study of Moliere and his plays. Reading and synopsis in French on,

Les Precieuses Ridicules.

L'Avare.

Tartuffe.

Le Malade Imaginaire.

GREEK.

Classes in Greek are organized at the beginning of the year only.

The following courses are offered:

COURSE I—*Five hours. Twelve weeks.*

Reader and grammar, White's Lessons, old edition.

COURSE II—*Five hours. Twelve weeks.*

Homer, Iliad, one book reviewed. Grammar.

COURSE III—*Five hours. Twelve weeks.*

Sophocles, the Oedipus Tryannus, or the Antigone. Grammar.

COURSE IV—*Five hours. Twelve weeks.*

Aeschylus, the Prometheus, or the Agamemnon. Grammar.

ITALIAN.

Classes in Italian are organized at the beginning of the year only.

COURSE I—*Five hours. Twelve weeks.*

Grandgent's Italian Grammar with sight reading. After the fifth week conversation and reading.

COURSE II—*Five hours. Twelve weeks.*

Fornaciari's Italian Grammar for reference, a course in De Amicis Coure and conversation. Composition.

COURSE III—*Five hours. Twelve weeks.*

Either Mangoni, I Promessi Sposi or Dante's Inferno. Composition.

COURSE IV—*Five hours. Twelve weeks.*

Continuation of Mangoni or Dante with other representatives of Italian literature. Composition.

SPANISH.

Classes in Spanish are organized at the beginning of the year only.

COURSE I—*Five hours. Twelve weeks.*

"Monsanto's and Languellier's Complete Spanish Course." After the fifth week the class will begin easy reading in "Loiseaux's Elementary Spanish Reader." Conversation.

COURSE II—*Five hours. Twelve weeks.*

"Bransby's Spanish Reader." Composition (Loiseaux's once a week.) Conversation.

COURSE III—*Five hours. Twelve weeks.*

"Alarcon's El Capitan Veneno." Composition (Loiseaux's once a week.) Conversation.

COURSE IV—*Five hours. Twelve weeks.*

"Galdos' Dona Perfecta." Composition (Loiseaux's twice a week.) Conversation.

ENGLISH.

The instruction given in English has three objects: (1) proficiency in English composition; (2) a general acquaintance with English literature; (3) a more minute knowledge of certain authors whose works illustrate the development, not only of the English language, but also of the English literature.

The courses offered embrace advanced English composition, designed to stimulate original productions; Oratory, embracing exercises in writing and delivering orations, speeches and addresses on given subjects; English literature, embracing an outline of its history and development with a careful study of certain representative authors, both American and English; Old and Middle English

and Metrics receive sufficient attention to meet the wants of all ordinary students. Their study is a material aid to all seeking a thorough knowledge of our English language and literature. Etymology and Philology receive sufficient attention to enable a student to understand carefully and thoroughly the formation, growth and development of the English language from its beginning down to the present time.

COURSE VIII—*Three hours. Twelve weeks.*

English Composition. Pre-requisites: a good knowledge of English grammar and rhetoric. This course will include a review of the formal elements of composition such as punctuation, capitalization, sentence-structure and paragraph-structure. Daily short themes and longer weekly themes on subjects taken from the student's own observation and experience will be required.

COURSE IX—*Three hours. Twelve weeks.*

English Composition. Pre-requisite: Course VIII or its equivalent. The various types of composition—exposition, description, narration, argumentation—will be discussed, and theme practice in the different types will be required. Especial attention will be given to short story writing.

COURSE X—*Five hours. Twelve weeks.*

Mythology. Myths of Greece and Rome together with those of other nations are studied as to development, interpretation, and relation to literature and art.

COURSE XI—*Five hours. Twelve weeks.*

Eighteenth Century Prose. This is a study of the rise of prose, the essay, magazine, novel, and the beginning of Romanticism. Addison, Pope, Steele, Swift, Defoe, Gray, Johnson, Goldsmith, Fielding, and Burke receive especial attention.

COURSE XII—*Five hours. Twelve weeks.*

A course in the Novel. Twelve great English Novels will be read. The aim of this course is to enable the student to read more appreciatively the masterpieces of prosefiction. Selection will be from the following: Scott, Dickens, Thackeray, Eliot, Jane Austen, Kingsley, Reade.

COURSE XIII—*Five hours. Twelve weeks.*

A course in the Literary Essay. Masterpieces from Bacon to Macaulay are read and studied.

COURSE XIV—*Five hours. Twelve weeks.*

History of American Literature. A philosophical and historical study of the development and significance of American Literature.

Text: Richardson's History of American Literature.

COURSE XV—*Five hours. Twelve weeks.*

Shakespeare. Critical and textual study of four of Shakespeare's best plays. Rolfe's editions recommended.

COURSE XVI—*Five hours. Twelve weeks.*

Chaucer and Milton. A detailed study of Chaucer's Prologue, Knightes Tale and Nonne Preestes Tale and a more rapid reading of two other of the Canterbury Tales (6 weeks); a critical and textual study of several books of Paradise Lost, with a general consideration of the work as a whole (6 weeks).

COURSE XVII—*Five hours. Twelve weeks.*

Wordsworth, Carlyle, Tennyson. Twenty hours are devoted respectively to representative poems by Wordsworth and Tennyson and to Carlyle's Heroes and Hero-Worship.

COURSE XVIII—*Three hours. Twenty-four weeks.*

Anglo-Saxon and Middle English, 24 weeks. Usually 18 weeks are devoted to the study of Anglo-Saxon and 6 weeks to Middle English.

Texts: Bright's Anglo-Saxon Reader and Sweet's Middle English Primer.

COURSE XIX—*Three hours. Twelve weeks.*

History of the Elizabethan Drama. Lectures; reading, reports and a thesis by the student.

COURSE XX—*Three hours. Twelve weeks.*

Nineteenth Century Prose and Poetry. Lectures; reading, reports and a thesis by the student.

HISTORY

COURSE VI—*Five hours. Twelve weeks.*

English History. An intensive study of the origins and growth of the English peoples; the development of their institutions, industries, education and society; the part the English nation played in the History of Medieval and Modern Europe, and her work and influence in the development of nations in the Modern World.

Each student is required to write a carefully prepared essay on some vital topic.

COURSE VII—*Five hours. Twelve weeks.*

English Constitutional History. This course is a careful study of the growth of England's Constitutional life, as exemplified in her great Charters and Parliamentary Evolution. Reports on special phases.

COURSE VIII—*Five hours. Twelve weeks.*

The Period of Reformation. The work is directed to a careful survey of the causes leading to the movement; an analysis of the Reformation Proper; the issues arising in the several European nations and a thorough study of the culmination of the struggle, as exemplified by the Thirty Years War.

COURSE IX—*Five hours. Twelve weeks.*

The French Revolution. This course consists of a survey of the general causes including the study of the Despotism of Louis XIV, and of his successors. Special emphasis on the military and political phases including the Reign of Terror as the culmination of the violent phase. The reaction and the evolution of the Napoleonic Era, and his overthrow; an interpretation of the historic effects on French and European institutions. Carefully prepared essays by every student.

COURSE X—*Five hours. Twelve weeks.*

Modern European History. A general survey of the readjustment and development of Constitutionalism of Modern European Nations since 1815. Also a careful study of the growth of political liberty, social, industrial, educational, and territorial expansion peculiar to the several nations of Modern Europe. Frequent reports.

COURSE XI—*Five hours. Twelve weeks.*

American and European Politics. A careful survey of the origin and character of the political institutions of the United States; the rise of political parties and their tenets; the political issues with reference to the application of the Constitution in relation to our foreign policies, control of foreign and domestic commerce, the banking and fiscal policies, the slave issues, and internal improvement and industries.

The new conception of the political functions of government and the relation between the States and the Nation resulting from the Rebellion, and the reconstructed application of the Monroe Doctrine in our Foreign Relations in consequence of the Spanish American War are emphasized.

A systematic comparison between our political life and that of modern European nations is emphasized throughout the course.

Extensive topical study. Frequent reports.

PHILOSOPHY.

COURSE I—*Five hours. Twelve weeks.*

Psychology. This course is worked out as the science of Mind. The topics worked out are such as: the Connection of Mind and Body; the Structure of Mind; Consciousness; the Functions of Mind; the Abnormal forms, hallucinations, hypnotism, etc.; the speculative forms, the subconscious, telepathy, etc.

COURSE II—*Five hours. Twelve weeks.*

Logic. Logic is defined as the science of the Laws of Thought as Thought. The topics discussed are the forms of thought—the Concept, the Judgment, and Reasoning; the Laws of formal thought; the different kinds of reasoning—Deduction, Induction; the Methods of Science—Guess, Hypothesis, Theory, with some attention to the philosophical principles underlying all.

COURSE III—*Five hours. Twelve weeks.*

Political Economy. This subject is regarded as the science of Wealth, or of Values, with the three departments, Production, Distribution, and Consumption. The Factors of productions, the Market, or Exchange, Rent, Wages, Interest, are carefully considered; and the concrete application, Socialism, Co-operation, Tariffs, etc., are discussed.

COURSE IV—*Five hours. Twelve weeks.*

Ethics. Ethics is the science of Conduct, and conduct is that part of human actions in which the interests of others must be reckoned with. Hence, such terms as right, wrong, duty, obligation, moral law, moral standard, must be clearly understood. Ethical theories and the development of the moral side of life are carefully attended to. The concrete, every-day life in its ethical aspects and ideals receives special attention.

DEPARTMENT OF DOMESTIC ECONOMY.

The course in Domestic Economy is planned with reference to the needs of two classes of students: (1) For those who are preparing to teach cooking and sewing, and leading to a Certificate; (2) For those who wish to enrich their academic course by the study of household sciences and arts, and leading to the Bachelor's degree.

Two years (72 wks.) of College work are required for the Certificate, and four years (144 wks.) of College work are required for the degree of Bachelor of Science.

The additional requirements for the degree are an extra year in domestic science or art, in either of which the student may specialize if she so desires, and also a year of college electives in the liberal arts.

To obtain the certificate or the degree from this department the candidate must have a high school education or equivalent attainment then successfully pursue the work here outlined. For those who are unable to fulfill these requirements the University maintains a complete preparatory department, an outline of which may be found on page 28.

First Year.

FIRST TERM (12 weeks):	Course.	Hours.
Inorganic Chemistry	1	10
Cooking	1	9
Sewing	1	9
English (Rhetoric)	---	5
SECOND TERM (12 weeks):		
Inorganic Chemistry	2	10
Cooking	2	9
Sewing	2	9
English	1	5
THIRD TERM (12 weeks):		
Analytic Chemistry	3	10
Physiology	1	7
Millinery	3	10
English	2	5

Second Year.

FIRST TERM (12 weeks):	Course.	Hours.
Household Chemistry	4	10

Cooking	3	9
Sewing	4	9
Teaching Domestic Science	9	5
SECOND TERM (12 weeks):		
Food and Dietetics	4	10
General Sanitation	2	5
Designing	5	10
Institutional Cookery	6	9
THIRD TERM (12 weeks):		
Food and Dietetics	5	10
Household Sanitation	3	5
Laundry and Crocheting	6	10
Textiles	7	5

Third Year.

FIRST TERM (12 weeks):	Course.	Hours.
Dressmaking	8	10
Institutional Cookery	7	10
Special Problems	8	10
English Composition	3	5
SECOND TERM (12 weeks):		
Textiles	9	10
Family Cookery	8	10
Economics	10	5
Psychology	11	5
THIRD TERM (12 weeks):		
Applied Design	10	10
Cafeteria	9	10
Bacteriology	4	10
Home Nursing and Special Problems.....	5	10

Fourth Year.

FIRST TERM (12 weeks):	Course.	Hours.
Qualitative Analysis	12	10
Special Problems	8	10
Electives		
SECOND TERM (12 weeks):		
Quantitative Analysis	12	10
The Household	7	5
Electives		
THIRD TERM (12 weeks):		
The House	6	5
Electives	4	

COOKING.

COURSE I—*Eight hours laboratory and one hour recitation or lecture. Twelve weeks.*

This course includes a study of the nature and uses of foods, and changes effected by heat, cold, and fermentation; uses and application of preservatives. Canning, jelly-making. Carbohydrates, sauces, etc. Starchy vegetables. Freshening of green vegetables; cooking of strong flavored vegetables; cooking of mild vegetables, etc.

A laboratory fee of \$5.00 is charged.

COURSE II—*Eight hours laboratory and one hour recitation or lecture. Twelve weeks.*

This course includes the study of sugars, chemical tests, solubility, etc. Sugar Cookery. Preparation of batters and doughs. Baking powder and soda—composition and use in food combinations. Methods of lightening doughs and batters. Yeast and Bread.

A laboratory fee of \$5.00 is charged.

COURSE III—*Eight hours laboratory and one hour recitation or lecture. Twelve weeks.*

This course includes the study of "fats." Temperatures, composition, value, sources, combinations in cookery, uses of vegetable oils, and cooking in fats.

Protein—Eggs, milk, meat, cheese.

Serving of meals.

Principles of selection, preparation, and the care and manufacture of foods.

A laboratory fee of \$5.00 is charged.

COURSE IV—*Eight hours laboratory and one hour recitation or lecture. Twelve weeks.*

This course includes the study of applied dietetics. Invalid and institutional dietetics.

Demonstrations, marketing, serving, simple food chemistry. Detection of adulterants and preservatives in foods.

A study of the composition and nutritive value of foods.

Diet and dietaries.

A laboratory fee of \$5.00 is charged.

COURSE V—*Eight hours laboratory and one hour recitation or lecture. Twelve weeks.*

This course is a continuation of Course IV.

A laboratory fee of \$5.00 is charged.

COURSE VI—*Eight hours laboratory and one hour lecture. Twelve weeks.*

This course of Institutional Cookery comprises the study of cooking in large amounts. Planning meals; menus; serving; dietaries; balanced rations; cost of meals.

No laboratory fee is charged.

COURSE VII—*Eight hours laboratory and one hour lecture. Twelve weeks.*

This course is a continuation of Course VI.

No laboratory fee is charged.

COURSE VIII—*Eight hours laboratory and one hour lecture. Twelve weeks.*

This course comprises the preparation and serving of meals for a family of six. Buying. Study of the different forms of service.

A laboratory fee of \$5.00 is charged.

COURSE IX—*Eight hours laboratory and one hour lecture. Twelve weeks.*

This course comprises the study of the management of a cafeteria. Preparation of food in large amounts, buying, estimating cost of servings, serving, etc.

No laboratory fee is charged.

SEWING.

COURSE I—*Eight hours laboratory and one hour lecture. Twelve weeks.*

This course includes the study of the various stitches, seams, etc., and their application in the making of undergarments. Drafting.

COURSE II—*Eight hours laboratory and one hour lecture. Twelve weeks.*

This course includes the drafting and making of a shirt-waist; matching of plaids; something in silk; kimono.

COURSE III—*Eight hours laboratory and one hour lecture. Twelve weeks.*

This course includes the making of bows, flowers, etc. Frame making, and hat making appropriate to the season.

COURSE IV—*Eight hours laboratory and one hour lecture. Twelve weeks.*

This course includes the making of house dresses, lingerie dresses, etc.

COURSE V—*Ten hours laboratory. Twelve weeks.*

This course includes simple designs in flat colors, such as borders, rugs, etc.; color harmony; lettering; proportions of the human figure; designs for waists, dresses, hats, etc.; decorating and stenciling.

COURSE VI—*Eight hours laboratory and one hour lecture. Twelve weeks.*

The course includes practical work in laundry, removal of stains, lectures. Crocheting of simple lace patterns, etc.

COURSE VII—*Five hours lecture and recitation. Twelve weeks.*

This course includes the study of the historical development of the textile industry, climatic conditions, and the manufacture of fabrics, etc.

COURSE VIII—*Ten hours laboratory. Twelve weeks.*

This course includes the study of drafting systems. Designing, drafting and making of silk or wool dresses.

COURSE IX—*Ten hours laboratory work. Twelve weeks.*

Detection of adulterants in fabrics, experiments in dyeing. Weaving—basketry.

COURSE X—*Ten hours laboratory. Twelve weeks.*

The course includes a study of embroidery for underwear and dresses, table covers, sofa pillows, mats, etc. Tatting, drawn-work, knitting.

PHYSIOLOGY.

COURSE I—*Five hours lecture and two hours laboratory. Twelve weeks.*

This course includes a study of Physiology and Personal Hygiene, physical training, diet, conservation of nervous energy, etc.

A laboratory fee of 50 cents is charged.

COURSE II—*Five hours lecture and recitation. Twelve weeks.*

This course includes a study of the occurrence, distribution, classification, and chemistry of Bacteria. Their relations to man. Demonstrations. Library work.

COURSE III—*Five hours lecture and recitation. Twelve weeks.*

This course includes a study of the dwelling; its construction and furnishing in relation to health problems. Relation of germ life to water, ice, milk supplies, and to other foods, both uncooked and preserved by various methods.

Reference work. Excursions to dairies, etc.

COURSE IV—*Five hours lecture and five hours laboratory. Twelve weeks.*

This course includes studies in morphology, physiology, and reproduction of bacteria, yeasts and molds. Making of culture media, of permanent mounts; exercises in elementary analysis of air, milk, water, etc., from different sources.

A laboratory fee of \$2.50 is charged.

COURSE V—*Five hours lecture. Five hours experimental or research work. Twelve weeks.*

This course includes a study of the care of the sick, bathing, bed-making, etc.

COURSE VI—*Five hours lecture and recitation. Twelve weeks.*

The House. A study of the furnishing and management of the house from the artistic, practical, and economic standpoints. Methods of keeping household accounts. The cost of living and the apportionment of the income.

COURSE VII—*Five hours lecture and recitation. Twelve weeks.*

Evolution of the house and of the family. A special study of woman's changing economic position and its effect upon the family.

COURSE VIII—*Ten hours laboratory or research work. Twelve weeks.*

Special Problems in Domestic Economy. The work in this course may be along any line connected with the subject according to the preference of the student and will be in charge of the instructor under whom the work chosen would naturally fall.

COURSE IX—*Five hours lecture. Twelve weeks.*

Teaching of Domestic Science. Discussion of different types of equipments, of contents of courses in domestic science for various school grades, and of lesson plans. Supplementary reading required.

COURSE X—*Five hours lecture and recitation. Twelve weeks.*

Political Economy. This subject is regarded as the science of Wealth, or of Values, with the three departments, Production, Dis-

tribution, and Consumption. The Factors of Production, the Market, or Exchange, Rent, Wages, Interest, are considered; Socialism, Co-operation, Tariffs, etc., are discussed.

COURSE XI—*Five hours lecture and recitation. Twelve weeks.*

Psychology I.

CHEMISTRY.

COURSE I—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Inorganic Chemistry I.

COURSE II. Inorganic Chem. III.

COURSE III. Analytical Chem. I.

COURSE IV—*Five hours recitation and lecture. Five hours laboratory. Twelve weeks.*

Elementary Household Chemistry.

ENGLISH.

COURSE I—*Five hours lecture and recitation. Twelve weeks.*

This course includes a review of punctuation, diction, construction of sentences, figures of speech, etc. Essays, compositions, reports.

COURSE II—*Five hours. Twelve weeks.*

A study of American poets.

COURSE III—*Five hours. Twelve weeks.*

Shakespeare.

COURSE IV—*Three hours. Twelve weeks.*

English Composition.

DEPARTMENT OF EXPRESSION AND PUBLIC SPEAKING.

The aim of this department is four-fold:

(1) To develop in the student a good, serviceable, speaking voice and acquaint him with the elements of vocal expression and the fundamental principles of common reading.

(2) To give a practical experience in all the forms of public speaking.

(3) To acquaint the student with the principles and practice of interpretative and dramatic reading, impersonation, acting and the various forms of professional work in the lyceum and on the stage.

(4) To give scientific and critical training to teachers.

The pre-requisite for work in this department leading to a graduate or post-graduate certificate is the usual University qualifications. Students unable to fulfill these requirements, however, may enter certain classes and be conditioned until by future work the conditions are removed. Special students or those not working for a certificate may enter any class for which they show themselves qualified.

Upon obtaining the consent of the Dean, students may in extreme cases make up certain courses through private lessons, eighteen (18) lessons being equivalent to one term's work in class.

All students working for the degree in the department are required to take in the Junior year one term of private lessons (12 lessons at an extra cost of \$1.00 per lesson.) These lessons may be taken any term which is most convenient for the student, but when once begun they should be taken regularly throughout the term. To take part in one term and part in another is unsatisfactory to both student and teacher.

Students who have had the first twelve lessons (except students working for a certificate in the department) may take as many or as few lessons as they like in a term.

All students expecting to graduate in the department are required to take General Elocution and Physical Culture. No advance credit in these courses will be given.

Under no circumstances shall a certificate be granted for less than one year's resident work at the University. Students who have met the requirements in all except Expression and Public Speaking may, by following a specified plan, take the work for the graduate certificate in forty-eight weeks and for the post-graduate certificate in seventy-two weeks.

If the student prefers, instead of the graduate certificate, the degree of Bachelor of Oratory will be conferred and instead of the post-graduate certificate, the degree of Master of Oratory. The requirements are the same in either case.

REQUIREMENTS FOR THE GRADUATE CERTIFICATE.

JUNIOR YEAR.

Expression and Public Speaking			
<i>Courses I, II, III, IV, V, VI and VII</i>	516	recitation	hours
English			
<i>Rhetoric II</i>	60	"	"
<i>Literature, I, II, III, and IV</i>	240	"	"
Philosophy			
<i>Psychology I, II and III</i>	180	"	"
One appearance in public program.			
<i>Total</i>		996	recitation hours

SENIOR YEAR.

Expression and Public Speaking			
<i>Courses VIII, IX, X, XI, XII, XIII and XV</i>	492	recitation	hours
Senior English			
<i>Four terms of twelve weeks each</i>	240	"	"
History			
<i>Two terms of twelve weeks each</i>	120	"	"
Elective			
<i>Two terms of twelve weeks each</i>	120	"	"
One evening program (miscellaneous).			
<i>Total</i>		972	recitation hours

REQUIREMENTS FOR THE POST-GRADUATE OR PROFESSIONAL CERTIFICATE.

POST-GRADUATE YEAR.

Expression and Public Speaking			
<i>Courses XIV, XVI, XVII, XVIII and XIX</i>	432	recitation	hours
Higher English			
<i>Four terms of twelve weeks each</i>	240	"	"
Music			
<i>Two terms of twelve weeks each</i>	120	"	"

Elective

<i>Two terms of twelve weeks each</i>	<i>120</i>	<i>"</i>	<i>"</i>
The public reading of a play			
The staging of a play.			

<i>Total</i>	<i>912 recitation hours</i>
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DESCRIPTION OF COURSES.

The courses in this department are offered under five divisions:

- (A) *Preliminary Courses*
- (B) *Courses in Public Speaking*
- (C) *Courses in Expression*
- (D) *Preparatory Courses*
- (E) *Special Courses*

PRELIMINARY COURSES.

I. General Elocution. (*Junior Course*)

The fundamental principles for good reading and speaking. Instruction is given in the proper management of the breath; the best methods of developing a good, full, resonant voice; the most advanced principles of English phonation and the theory and practice of the vocal elements of expression. Reading and recitation of illustrative extracts. The text is Winter's *Public Speaking, Principles and Practice, Parts I and II*.

Organized Fall, Spring and Summer terms, twelve weeks.

II. Junior Private Lessons.

Individual drill is given in voice placement and general development. Practice on representative selections and individual criticisms. *Extra tuition \$12.00. Required during the Junior year.*

Any term, twelve lessons.

III. Physical Culture.

This course is designed for all Juniors in the department. The development of the body for grace of movement, poise and attitude. Life Study and the beginnings of pantomime. Two hours per week for men and two for women.

Organized Fall and Winter Terms only, twelve weeks.

PUBLIC SPEAKING.

V. Public Address. (*Junior*)

Addresses for all occasions delivered. Original addresses. Declamation and criticism. Lectures. Platform etiquette.

Text, Winter's *Public Speaking, Part III* for the first term and Phillip's *Effective Speaking* for the second term.

Fall and Winter term, twenty-four weeks.

VII. Advanced Public Address. (*Junior*)

Extemporaneous speaking. Impromptu speaking. Parliamentary drill. Lecture building. Sermonizing. Hymn and Bible reading.

Spring and Summer terms, twelve weeks.

IX. Finished Debate. (*Senior*)

Argument building. Lectures and criticism by the instructor. Class meets twice a week for critical study of argument and twice a week for practice in debate. Text, Foster's *Argumentation and Debating*.

Spring term, twelve weeks.

XI. Story-telling. (*Senior*)

This course is especially helpful for students who are preparing for Sunday School or Social Settlement work. In these particular fields there is a great demand for professional story-tellers and this course aims to acquaint the student with the various forms of story-telling in their relation to various types of audiences. Daily practice is given in the reproduction of Bible stories, folk-lore and stories gleaned from standard periodicals. Original stories. Impromptu stories. Criticism.

Two hours, Summer term, twelve weeks.

XIII. Normal Course. (*Senior*)

A scientific study of Elocution and a study of methods in teaching elocution and reading. Text, Fulton and Trueblood's *Practical Elocution* for the first term and Clark's *The Teaching of Reading in Public Schools* for the second term.

Fall and Winter terms, twenty-four weeks.

XV. Make-up. (*Senior*)

A study of theatrical make-up of all kinds. Actual practice is given in the use of grease paints and dry make-up, wigs, beards, costuming material, etc. Open to Seniors and Post-Graduates only.

Two hours, Summer term, twelve weeks.

XVII. Oratory. (*Graduate*)

The writing and delivery of original orations. Criticisms. Text, Shurter's *Rhetoric of Oratory*.

Two hours, Summer term, twelve weeks.

XIX. Seminar Course. (*Graduate*)

Research work. A study of literature for adaption to public recitals.

Two hours, Spring term, twelve weeks.

EXPRESSION.

IV. Analysis of the Printed Page. (*Junior*)

A study in literary analysis. The mental interpretation of difficult passages in literature. Effort is made to acquire a quick and comprehensive understanding of difficult sentence structure as it first presents itself to the eye. Group sequence. Denotation. Connotation.

Winter term, twelve weeks.

VI. Interpretation. (*Junior*)

A study of English and American literature, both poetry and prose, from the standpoint of vocal interpretation. The interpretation of hymns and the Scriptures.

Spring and Summer terms, twenty-four weeks.

VIII. Dramatic Reading. (*Senior*)

The delivery memoriter of bi-weekly selections before the class. Criticism. Lectures. The study of Actional Technique in Pantomime. The laws of gesture.

Fall and Winter terms, twenty-four weeks.

X. Senior Private Lessons.

This course is designed for students majoring in the department although any advanced student may enter for a whole or part of the course at proportionate rates. *Extra tuition, \$24.00.*

Any two terms, twenty-four lessons.

XII. Advanced Dramatic Reading. (*Senior*)

The development and delivery of weekly selections to comprise a literary program for a full evening. Each student is required to prepare a full program during the term. Class criticisms.

Spring and Summer terms, twenty-four weeks.

XIV. Monologue. (*Graduate*)

The study and delivery of a Shakesperean play and a modern play or a complete cutting from an approved novel. A study of impersonation. Text: Curry's "*Browning and the Dramatic Monologue.*"

Fall and Winter terms, twenty-four weeks.

XVI. Graduate Private Lessons.

Given only to students who have completed Course X or its equivalent. *Extra tuition, \$24.00.*

Any two terms, twenty-four lessons.

XVIII. The Drama. (*Graduate*)

The staging of one play each term. Fall term, modern drama; winter, classic drama; spring, modern comedy; summer, classic comedy. Students may enter at the beginning of any term.

Fall, Winter, Spring and Summer terms, forty-eight weeks.

PREPARATORY COURSES.

A. Orthoepy.

This class is designed for students who are in need of daily drill in articulation, pronunciation and the mechanical processes of speech production. Text is Irish's *Orthoepy*.

Organized each term, twelve weeks.

B. Sight Reading.

Designed for students who have satisfactorily completed Course A. Text is Bogarte's *Reader*.

Organized each term, twelve weeks.

SPECIAL COURSES.

Courses in special lines of work such as Motion Picture Posing; Theatrical Make-up; Stage Dancing; Character Personation in Costume, for the Lyceum or the Stage, and Oratory for preachers, oratorical contestants and the everyday professions which require practical public speaking are offered through private instruction at the same terms as the regular private lessons.

DEPARTMENT OF MUSIC.

Those desiring further information concerning this Department should address the University for the Annual Announcement of the Department of Music.

The Conservatory occupies a beautiful building devoted exclusively to its own use. The building contains fifty-one practice rooms, each containing a new piano. This permits each student to have a private practice room certain hours each day.

In addition to these practice rooms there are ten large studios and special rooms for Harmony. For recitals, ensemble work, etc., there is a Recital Hall, thoroughly furnished with every appliance for such work.

There are sixty-four new pianos in the Conservatory.

For completeness in arrangement and equipment, no other conservatory of music, even in our largest cities, surpasses it.

The Department of Music was organized thirty-nine years ago. From the beginning it was the purpose of the founders to establish a Department of Music in which students might have all the advantages of the best musical conservatories in the large cities and at an expense that could be afforded by all. That the fondest hopes of the founders have been realized is shown by the fact that the department has had a growth which has never been equaled by any other conservatory of music.

The Conservatory is located so near Chicago that it must compete with the best work done there, so that students here have every advantage that they could possibly have in the city and at an expense not one-fifth as great.

While the teachers are professional soloists of high rank yet they have been chosen because they are specialists in
FACULTY their particular work. All have been pupils of the most noted masters.

Five courses of study are offered. They are Preparatory, Teacher's Certificate, Graduate, Post-Graduate (or Gold Medal Course), and Public School Music. The
COURSES OF STUDY time required for the completion of any of these courses of study depends upon the previous preparation, ability, talent and character of the work of the individual pupil.

Upon completing the Teacher's Course a Certificate is granted.

Upon completing the Diploma Course a Diploma is granted.

Upon completing the Gold Medal Course

DEGREES CONFERRED a Gold Medal is granted.

Upon completing the Public School Music

Course a diploma is granted.

All students taking the regular course in this department have

access, without additional expense, to

SPECIAL ADVANTAGES all classes in any of the literary departments of the University. This of itself

is an advantage not found in any other conservatory of music.

The result of the very superior advantages offered and the very

thorough work done is that the

DEMAND FOR GRADUATES graduates of the school are sought for as directors of music, singers,

organists in choirs and as teachers in the best colleges, universities and normal schools in the land.

The course in Public School Music should be especially attractive

to those who desire to teach music in the Public Schools. The

course consists of private lessons in Voice, pri-

PUBLIC SCHOOL vate lessons in Piano, Harmony, Sight Reading, MUSIC History of Music, Notation, Public School Music,

Chorus Work, and during the Summer Quarter

a class in which the best methods of presenting the subject to children are given.

A feature of the Conservatory is the Department of Opera which

is open to the advanced students of voice. One complete opera is

produced each year, the eighth week of the second quarter.

OPERA February 2nd, 1915, Gilbert and Sullivan's "Iolanthe" was produced, the entire cast and chorus being taken from the

Conservatory students.

Excellent facilities for chorus work are offered, which all mem-

bers of the Department of Music are required to

CHORUS WORK take. In addition to this there is special training for choir work which those who are special-

izing in voice only are required to take.

All lessons as well as all practice rooms are private. The

instruments used are of the best quality. The Kimball Piano, the

same as found in the best conservatories in Chi-

PRACTICE AND cago, is used here.

INSTRUMENTS While instruction is given on almost every musical instrument, yet special attention is given to

Piano, Violin, Cello, Cornet, Clarinet, Guitar, Mandolin, Banjo.

A university band, a university orchestra, guitar and mandolin club, are kept up during the entire year. UNIVERSITY BAND These give frequent public recitals, and each AND ORCHESTRA has at least one rehearsal every week. Each one of these give one concert during the year.

Lectures and recitals by the Faculty or prominent musicians from abroad are given every term. LECTURES AND RECITALS A musicale is given every other week by members of the various classes at which every student of the department is expected to be present.

Sheet music and music books are for sale to the pupils at wholesale prices. No pupil is permitted to omit lessons or practice without sufficient excuse. No deduction is made for temporary absence from lessons or practice, for their being discontinued except in cases of illness or when one is unavoidably called away. GENERAL INFORMATION

For sight reading, classes in Ensemble for Piano may be organized at any time.

REQUIREMENTS FOR THE COMPLETION OF THE VARIOUS COURSES.

Department of Piano.

PREPARATORY COURSE.

Piano, 2 lessons per week, 1 to 3 years.

Harmony, 2 lessons per week, 48 weeks.

Choir and chorus practice, 48 weeks.

One elective study each term of twelve weeks.

Debating, 18 weeks.

Practice, 3 to 4 hours daily.

Appearance on program and attendance at all recitals.

TEACHER'S CERTIFICATE COURSE.

One year in addition to Preparatory Course.

Piano, 2 lessons per week.

Harmony, 2 lessons per week, 48 weeks.

Counterpoint, 2 lessons per week, 24 weeks.

Harmonic Analysis, 12 weeks.

Composition, 1 lesson per week, 24 weeks.

Choir and Chorus, 48 weeks.

One elective study each term of twelve weeks.

Debating, 18 weeks.

History of music, 2 lessons per week, 24 weeks.

Appreciation of Music, 2 lessons per week, 24 weeks.

Practice, 3 to 4 hours daily.

Appearance on program and attendance at all recitals.

GRADUATE COURSE.

One year in addition to Teacher's Certificate Course.

Piano, 2 lessons per week.

Harmony, 2 lessons per week, 48 weeks.

Counterpoint, 2 lessons per week, 24 weeks.

Composition, 1 lesson per week, 24 weeks.

History of music, 2 lessons per week, 24 weeks.

Appreciation of Music, 2 lessons per week, 24 weeks.

Choir and chorus practice the entire year.

One elective study each term of twelve weeks.

Debating, 18 weeks.

Practice, 3 to 4 hours daily.

Appearance on program and attendance at all recitals.

GOLD MEDAL COURSE.

One year in addition to Graduate Course.

Piano, 2 lessons per week.

Chorus work the entire year.

Composition.

One elective study each term of twelve weeks.

Debating, 18 weeks.

Practice, 3 to 4 hours daily.

Appearance on program and attendance at all recitals.

Department of Public School Music.

First Year.

Voice, 2 lessons per week, 36 weeks.

Piano, 1 lesson per week, 36 weeks.

Harmony, 2 lessons per week, 24 weeks.

History of music, 2 lessons per week, 24 weeks.

Appreciation of Music, 2 lessons per week, 24 weeks.

Public School Music Class, 2 lessons per week, 36 weeks.

Chapel Choir and Chorus, 36 weeks.

Child Study, or an elective study each term.

Practice with instrument, 2 to 3 hours daily.

Second Year.

Voice, 2 lessons per week, 36 weeks.

Piano, 1 lesson per week, 36 weeks.

Harmony, 2 lessons per week, 36 weeks.

Public School Music Class, 2 lessons per week, 36 weeks.

Appreciation of Music, 2 lessons per week, 24 weeks.

Debating, 18 weeks.

Chapel Choir and Chorus, during entire year.

Psychology, or an elective study each term.

Special course in Public School Music during summer term.

Practice with instrument, 2 to 3 hours daily.

Department of Voice.

PREPARATORY COURSE.

Voice, 2 lessons per week, 1 to 3 years.

Harmony, 2 lessons per week, 48 weeks.

Choir and chorus practice, 48 weeks.

Practice with instrument, 1 to 3 hours daily.

One elective study each term of twelve weeks.

Debating, 18 weeks.

Appearance on program and attendance at all recitals.

TEACHER'S CERTIFICATE COURSE.

One year in addition to Preparatory Course.

Voice, 2 lessons per week.

German, Italian or French. First year's work.

Harmony, 2 lessons per week, 48 weeks.

Counterpoint, 2 lessons per week, 24 weeks.

Composition, 1 lesson per week, 24 weeks.

Choir and chorus, 48 weeks.

History of music, 2 lessons per week, 24 weeks.

Appreciation of Music, 2 lessons per week, 24 weeks.

Debating, 18 weeks.

Practice with instrument, 1 to 3 hours daily.

Appearance on program and attendance at all recitals.

GRADUATE COURSE.

One year in addition to Teacher's Certificate Course.

Voice, 2 lessons per week.

German, Italian or French. Second year's work.

Harmony, 2 lessons per week, 48 weeks.

Counterpoint, 2 lessons per week, 24 weeks.

Composition, 1 lesson per week, 48 weeks.

History of music, 2 lessons per week, 24 weeks.

Appreciation of Music, 2 lessons per week, 24 weeks.

Debating, 18 weeks.

Practice with instrument, 1 to 3 hours daily.

Choir and chorus practice, 48 weeks.

Appearance on program and attendance at all recitals.

GOLD MEDAL COURSE.

One year in addition to Graduate Course.

Voice, 2 lessons per week.

Choir and chorus, the entire year.

Italian.

Composition.

One elective study each term of twelve weeks.

Debating, 18 weeks.

Practice with instrument, 1 to 3 hours daily.

Appearance on program and attendance at all recitals.

Department of Violin, Viola and Cello.**PREPARATORY COURSE.**

Violin or Cello, 2 lessons per week, 1 to 3 years.

Harmony, 2 lessons per week, 48 weeks.

Orchestra and chorus practice, 48 weeks.

One elective study each term of twelve weeks.

Debating, 18 weeks.

Practice, 3 to 4 hours daily.

Appearance on program and attendance at all recitals.

TEACHER'S CERTIFICATE COURSE.

One year in addition to Preparatory Course.

Violin or Cello, 2 lessons per week.

Harmony, 2 lessons per week, 48 weeks.

Counterpoint, 2 lessons per week, 24 weeks.

Harmonic Analysis, 12 weeks.

Composition, 1 lesson per week, 24 weeks.

Appreciation of Music, 2 lessons per week, 48 weeks.
Orchestra and Chorus, 48 weeks.
One elective study each term of twelve weeks.
Debating, 18 weeks.
History of music, 2 lessons per week, 24 weeks.
Practice, 3 to 4 hours daily.
Appearance on program and attendance at all recitals.

GRADUATE COURSE.

One year in addition to Teacher's Certificate Course.

Violin or Cello, 2 lessons per week.
Harmony, 2 lessons per week, 48 weeks.
Counterpoint, 2 lessons per week, 24 weeks.
Composition, 1 lesson per week, 24 weeks.
Appreciation of Music, 2 lessons per week, 24 weeks.
History of music, 2 lessons per week, 24 weeks.
Orchestra and chorus practice the entire year.
One elective study each term of twelve weeks.
Debating, 18 weeks.
Practice, 3 to 4 hours daily.
Appearance on program and attendance at all recitals.

GOLD MEDAL COURSE.

One year in addition to Graduate Course.

Violin or Cello, 2 lessons per week.
Orchestra work the entire year.
Composition.
One elective study each term of twelve weeks.
Debating, 18 weeks.
Practice, 3 to 4 hours daily.
Appearance on program and attendance at all recitals.

Department of Guitar, Mandolin and Banjo.

The requirements in this department in the various courses of study are the same as in the Department of Piano, excepting the use of the different instruments.

It must be remembered that no course of study can be completed without the required number of lessons for that particular year; that is a course in Voice, Piano, Violin, Guitar, etc., could not be completed without taking two lessons per week during the entire year.

A term's work in music consists of 22 piano or 22 vocal lessons, or 11 piano and 11 vocal lessons, 22 harmony lessons, and 3 practice hours every day. The expense of this is \$35.50. If the EXPENSE student desires to take 22 piano and 22 vocal lessons then the expense is \$57.50 per term. Without additional expense the student is admitted to all of the work in the literary department of the University, and is expected to take at least one subject in this department every term. Students who are advanced in their literary work and prefer to take additional work in music may do so at the rate of \$1 per lesson; and practice, \$2.50 per term for an hour each day.

For the completion of the full course in music the following additional subjects are required: History of Music, \$3 per term; Harmonic Analysis, \$3 per term; Composition, \$6 per term; Counterpoint, \$6 per term; Appreciation of Music, \$3 per term.

For those taking the Public School Music Course of study, the expense, if paid in advance, for the Junior year is \$155.00. For the Senior year the expense, if paid in advance, is \$160.00.

The expense for those taking the full course in music, if paid in advance for the year of forty-eight weeks, is \$165. This includes 88 piano or vocal lessons, 88 harmony lessons, 3 practice hours daily, history of music, harmonic analysis, composition, counterpoint, musical appreciation. The expense for those taking the full course in both piano and vocal lessons, if paid in advance for the year, is \$253.

For further information address,

DEPARTMENT OF MUSIC, VALPARAISO UNIVERSITY,
Valparaiso, Indiana.

DEPARTMENT OF FINE ART.

The University offers a full course of instruction in Academic Drawing and Painting, which is divided into four sections, as follows:

I. **ELEMENTARY.**—Chiefly early charcoal practice from antique fragments in outline and general light-and-shade, together with practice from blocks and familiar objects.

II. **INTERMEDIATE.**—Same as Elementary, only more advanced, more important outlines. Still life in monochrome and color.

III. **ANTIQUE.**—Heads and figures from cast in full light and shade. Still life in color.

IV. **LIFE.**—Portrait and figure. Composition and landscape. Any medium. From time to time the best drawings in each department are retained and at the end of the month are put upon the wall and recorded as Honorable Mention of the author of the drawings.

DIPLOMA. The regular diploma of the University is conferred upon students who have held the rank of Life Students for one year. A final examination is required, based upon a group of works executed in the different departments. The work required:

ANTIQUE.—Shaded head. Full figure in outline.

LIFE.—Shaded head in charcoal.

Shaded figure in charcoal.

Head in oil, water color or pastel.

Figure in oil, water color or pastel.

STILL LIFE.—Two studies, oil, water color or pastel.

NATURE.—Landscape, oil, water color or pastel.

COMPOSITION.—Oil, water color or pastel.

PERSPECTIVE.—Drawing and examination.

SKETCH CLASS.—The students themselves maintain a sketch class, meeting every day, in which they pose their own models and use any medium desired.

DESIGN AND COMPOSITION.—Instruction is given in the fundamental principles of constructive, decorative, and pictorial art. Students work out original designs in space and line composition, showing proper distribution of light and shade, and harmonious schemes of color.

HISTORY OF ART—*Five hours. Forty-eight weeks.*

This course consists of the study of the History of Architecture, the History of Sculpture and the History of Painting.

ELECTIVE STUDY—*Five hours. Forty-eight weeks.*

Normal Art.

The object of the Normal Art Course is to qualify graduates to act as teachers of drawing or supervisors of art education in public schools.

Two courses are offered: A one year's course upon the completion of which a certificate is granted; and a more extended course planned for those who wish advanced work, upon the completion of which a diploma is granted.

The candidate for either the certificate or the diploma in order to obtain the same must be a graduate from an accredited High School or must have equivalent attainment prior to entering this course of study.

Certificate.

FIRST TERM (12 weeks):

1. Psychology.
2. Charcoal.
3. Freehand Drawing I.
4. Mechanical Drawing.
5. Method and Practice in 1, 2 and 3 grade work.
6. Sketch from Life.
7. Design and Composition.
8. History of Architecture.

SECOND TERM (12 weeks):

1. Psychology.
2. Charcoal.
3. Freehand Drawing II.
4. Mechanical Drawing.
5. Method and Practice in 4 and 5 grade work.
6. Sketch from Life.
7. Design and Composition.
8. History of Sculpture.

THIRD TERM (12 weeks):

1. Charcoal, Water Color and Out Door Sketching.
2. Water Color.

3. Method and Practice in 6 and 7 grade work.
4. Sketch from Life.
5. Design and Composition.
6. History of Early Painting.

FOURTH TERM (12 weeks):

1. History of Education.
2. Charcoal, Water Color and Out Door Sketching.
3. Water Color.
4. Elementary Manual Training.
5. Method and Practice in 8th grade and High School work.
6. Sketch from Life.
7. Design and Composition.
8. History of Modern Painting.

Diploma.

The work for the diploma pre-supposes the work for the certificate or equivalent attainment.

FIRST TERM (12 weeks):

1. Charcoal from Life.
2. Water Color.
3. Sketch from Life.
4. Design and Composition.
5. One elective study.

SECOND TERM (12 weeks):

1. Charcoal from Life and Outdoor Sketching.
2. Clay Modeling.
3. Water Color.
4. Sketch from Life.
5. Design and Composition.
6. One elective study.

THIRD TERM (12 weeks):

1. Charcoal from Life and Outdoor Sketching.
2. Clay Modeling.
3. Water Color.
4. Sketch from Life.
5. Design and Composition.
6. One elective study.

FOURTH TERM (12 weeks):

1. Charcoal from Life and Outdoor Sketching.
2. Clay Modeling.
3. Water Color.
4. Sketch from Life.
5. Design and Composition.
6. Pottery and Bookbinding.
7. One elective study.

China Painting.

The object of the China Painting Course is to qualify graduates to act as teachers of China Painting in colleges, universities or private studios.

The instruction in Ceramic Art covers processes and materials, free hand drawing, color and the practical application of design to ceramics.

Students entering this class will receive a thorough course in application of suitable designs to the well known ceramic shapes.

The study of design includes the study of organic ornament, geometric and conventionalized and the artistic use of colors.

First Year.**FIRST TERM (12 weeks):**

- Charcoal.
- Freehand Drawing I.
- China Painting.
- Sketching from Life.
- History of Art.

SECOND TERM (12 weeks):

- Charcoal.
- Mechanical Drawing.
- China Painting.
- Sketching from Life.
- History of Art.

THIRD TERM (12 weeks):

- Charcoal.
- Water Color.
- China.
- Sketching from Life.
- History of Art.

FOURTH TERM (12 weeks):

Water Color and Conventionalization.
Abstract Design.
China Painting.
Sketching from Life.
History of Art.
Botany.

Second Year.**FIRST TERM (12 weeks):**

Water Color and Conventionalization.
Abstract Design.
China Painting.
Sketching from Life.
History of Design and Research.

SECOND TERM (12 weeks):

Water Color and Conventionalization.
Abstract Design.
China Painting.
Sketching from Life.
History of Design and Research.

THIRD TERM (12 weeks):

Water Color and Conventionalization.
Abstract Design.
China Painting.
Sketching from Life.
History of Design and Research.

FOURTH TERM (12 weeks):

Water Color and Conventionalization.
Abstract Design.
China Painting.
Sketching from Life.
History of Design and Research.

The tuition in the regular department of Fine Art is \$24.00 per term of twelve weeks, or \$80.00 per year of forty-eight weeks if paid in advance. For the course in China Painting the tuition is \$30.00 per term of twelve weeks or \$100.00 per year of forty-eight weeks if paid in advance.

Students not registered in the Department of Fine Art may avail themselves of the advantage of China Painting at the rate of \$12.00 per term for two hours each day.

DEPARTMENT OF AGRICULTURE.

Those desiring further information concerning this Department should address the University for the Annual Announcement of the Department of Agriculture.

The year 1915-16 is the second for the Department of Agriculture, the work having begun in the Summer Term, 1914, with special courses for the preparation of teachers. The regular line of study leading to a degree was instituted in the Fall Quarter which followed.

The headquarters of the Department are in the new building recently completed for use in the Domestic Science and Agricultural work. This building is a thoroughly modern structure and affords ample class rooms, and laboratories for the various lines of Crops work. The Soils and Farm Mechanics Laboratory is located in the Science Building, and is convenient and well equipped for this practice. The equipment of all laboratories is supplemented from time to time to accommodate the size of the classes and the progress of the instruction.

The University Farm, comprising about twenty acres of tillable soil, is very conveniently situated near the University buildings. Many different kinds and conditions of soil are found on the area, making it an almost ideal out-door laboratory for Agricultural studies. Besides this tract other fields are rented for more extensive crop production. Six acres of wheat sown in the fall of 1914 is located on rented land.

At present a small barn located on the Farm is being fitted up for a hog house, and a new barn, thirty-four feet by fifty-six feet, is being planned. These buildings will be equipped for practical use and will be stocked with such stock as is needed for the Animal Husbandry work. A combined milk house and Farm Dairy Laboratory will be located near the barn.

The work of the Department is divided into three phases,—the Full or Regular Course in Agriculture, the Special Preparatory Work for teachers, and the Short Course. In their execution these three are more or less combined. Each will be described separately here.

This phase of the work in Agriculture comprises a general course in the subject, presented in such manner that the student may not lose sight of the practical side while learning the scientific ground-work for the most approved and up-to-date farm practice. Besides technical Agriculture, cultural courses, —including English and Mathematics—and general scientific subjects, such as Elementary Chemistry and Botany, are required.

THE FULL OR
REGULAR COURSE

The Full Course leads to the degree of Bachelor of Science in Agriculture and may be completed in twelve terms of twelve weeks each. These may be taken consecutively, i. e., four terms per year for three years; or with an intermission over the Summer Term, three terms per year for four years.

In order to obtain the degree the student must be a graduate from an accredited high school or have equivalent attainment, and then successfully pursue the work offered in this department.

For those who are deficient in their preparatory work, the University maintains a complete Preparatory Department, an outline of which may be found on page 28.

THE PLAN OF STUDY.

In the Department of Agriculture one credit is equal either to one recitation or lecture of fifty-two minutes, or to two laboratory hours per week for a term of twelve weeks. 246 credits are required for graduation, and approximately 20 credits must be made each term.

If for any reason a student desires to classify for more than 24 or less than 16 credits he must obtain permission from the Dean of the Department.

SUBJECT.	HOURS PER WEEK.		CREDITS.
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First Term.

Rec. or Lec. Lab.

Given in Fall Term.

Chemistry I	5	5	7½
Botany I	5	5	7½
Farm Mechanics	1	2	2
Cereal Crops	2	2	3
	—	—	—
Totals	13	14	20

Second Term.

Given in Winter Term.

Chemistry III	5	5	7½
Botany II	5	5	7½
Forage Crops	2	2	3
Types and Breeds of Farm Animals.....	3	....	3
	—	—	—
Totals	15	12	21

Third Term.

Given in Spring Term.

Physics or Zoology (See note)	3	2	4
English XXI	3	....	3
Botany III	5	5	7½
Fiber and Root Crops	2	....	2
Soil Physics I	3	4	5
	—	—	—
Totals	16	11	21½

Fourth Term.

(This work will be given for the first time in the Fall Term, 1915.)

Physics or Zoology continued	3	2	4
English XXII	3	....	3
Trigonometry	5	....	5
Mechanical Drawing .....	....	5	2½
Entomology	2	2	3
Stock Judging .....	....	4	2
	—	—	—
Totals	13	13	19½

Note: These are special courses for Agricultural students.

Physics will be required of all students who have not had the subject in high school.

SUBJECT.	HOURS PER WEEK.			CREDITS.
Fifth Term.	Rec.	or Lec.	Lab.	
(This work will be given for the first time in the Winter Term, 1915-16.)				
English XIV	5	....	5	
University Algebra	5	....	5	
Mechanical Drawing .....	....	5	2½	
Farm Dairying	1	4	3	
Soil Physics II	3	4	5	
Totals	14	13	20½	
Sixth Term.				
(This work will first be given in the Spring Term, 1916.)				
English XI	5	....	5	
Plane Surveying (Special Course)	3	6	6	
Orcharding	2	4	4	
Elementary Bench Work .....	....	5	2½	
Creamery Butter Making .....	....	4	2	
Totals	10	19	19½	
Seventh Term.				
(This work will first be given in the Fall Term, 1916.)				
Bacteriology	5	5	7½	
Gardening	2	3	3½	
Agricultural Chemistry	3	4	5	
Live Stock Management	3	....	3	
Advanced Live Stock Judging .....	....	4	2	
Totals	13	16	21	
Eighth Term.				
(This work will first be given in the Winter Term, 1916-17.)				
History X	5	....	5	
Agricultural Analysis	1	4	3	
Poultry, Breeds and Management	4	2	5	
Principles of Breeding	5	....	5	
Farm Construction	1	4	3	
Totals	16	10	21	

SUBJECT.	HOURS PER WEEK. CREDITS.		
	Rec. or Lec.	Lab.	
Ninth Term.			
(This work will first be given in the Spring Term, 1917.)			
History XI	5	....	5
Feeds and Feeding	5	....	5
Soil Fertility	2	4	4
Farm Machinery .....	....	4	2
Veterinary Anatomy	4	....	4
	—	—	—
Totals	16	8	20
Tenth Term.			
(This work will first be given in the Fall Term, 1917.)			
Economics	5	....	5
Farm Management	5	....	5
Meat Production	4	2	5
Live Stock Marketing	3	....	3
Farm Practice .....	....	4	2
	—	—	—
Totals	17	6	20
Eleventh Term.			
(This work will first be given in the Winter Term, 1917-18.)			
Ethics	5	....	5
Farm Management	5	....	5
Veterinary Physiology	5	....	5
Thesis	2	4	4
Farm Practice .....	....	4	2
	—	—	—
Totals	17	8	21
Twelfth Term.			
(This work will first be given in the Spring Term, 1918.)			
Bookkeeping	5	....	5
Commercial Law	5	....	5
Thesis	3	4	5
Farm Practice .....	....	12	6
	—	—	—
Totals	13	16	21
Total credits required			246

Inspection trips not mentioned in the outline are a part of several of the courses. These will include visits to various manufacturing plants, stock and dairy farms, the National Dairy Show, and the International Live Stock Exposition.

Students pursuing the full course and desiring to teach may substitute appropriate subjects from the Department of Education.

Descriptions of general courses may be found in the respective departments in this catalog.

It has been assumed that regular students in Agriculture will prefer to spend the summer months in employment on the farm rather than in the class room. Therefore the course is planned so that it may be completed most conveniently by studying during the Fall, Winter, and Spring Terms for four consecutive years.

SPECIAL STUDENTS.

It is advisable that all students conform in their classification to the regular work as outlined in the Plan of Study, and this will generally be required. However, by arrangement students may enroll as "specials" and carry such subjects in technical Agriculture as may seem best.

The Special Preparatory Work for Teachers comes during the Summer Term and is designed particularly to fill the requirements of the State Board of Education of Indiana. At present three lines of elementary work are offered—Soils, Crops, and Animal Husbandry. More will be added as there is a demand for them.

In addition to the actual instruction given care is taken to develop in the teacher a proper viewpoint in regard to the teaching of Agriculture in the public schools. In very few states has this sort of work gone beyond the experimental stage, and teachers must be impressed with the significance of the new line of work. Furthermore, the teacher must realize that Agriculture is a science of the farm yard and the field, not of books, and that her great opportunity lies in the appeal her teaching makes to the home surroundings. In this Summer Term work every effort is made to make the teacher efficient for teaching Agriculture in the public schools.

Arrangement is provided whereby credits made in the Special Preparatory Work for Teachers may count toward the degree in Agriculture.

The Short Course given during the first Winter Term, 1914-15, was particularly successful, both in number in attendance and in the results obtained. From all indications this will soon become one of the most important phases in the work of the Department.

The short course is designed for those who may be so situated that a longer course in Agriculture is impossible for them. The instruction is of standard character, and yet such that it may help directly in solving the complex problems that are presented daily to the farmer.

For further information address

DEPARTMENT OF AGRICULTURE,

Valparaiso University,
Valparaiso, Indiana.

DEPARTMENT OF ENGINEERING.

Those desiring further information concerning this Department should address the University for the Annual Announcement of the Department of Engineering.

The Department of Engineering is composed of the Civil, Architectural, Electrical, Mechanical, and Chemical branches. The first two only are fully developed, the other three being carried at present through the first year only.

The object of the Civil Engineering course is to provide such training in the theory, and such practice in field, shop, laboratory and drawing room, as to fit the student to undertake the exacting duties of the modern civil engineer.

The course is carefully designed and each subject logically follows its predecessor. It covers the field of Civil Engineering completely and at the same time includes certain allied subjects necessary for the full development of the civil engineer.

Among these subjects are Chemistry and Bacteriology, which in their aspects bearing upon sanitary engineering and water supply, are investigated to a considerable length. The course in Railway Engineering, Bridge Design, Reinforced Concrete, Masonry Construction, and Testing Materials, are practically complete to date, but are enlarged each year to keep in touch with latest engineering practice.

The course of study in Architectural Engineering aims to give a thorough training in Drawing, Design, and Construction, supplemented by the study of Physics, English, a Modern Language, and Chemistry. One of the first requirements is good draftsmanship so that the design may be presented in the most successful manner. Complete courses in rendering in Pencil, Pen and Brush are given. Extensive courses in History of Architecture, Architectural Design, Heating and Ventilation, Sanitation of Buildings, and the allied subjects which have to do with proper construction are provided. Designing both from the practical and the aesthetic side, covers a large part of the course in which creative ability is constantly sought; and of equal importance are the mathematical and engineering studies, for, structural safety seems of vital importance. Hence, thorough courses in the Mechanics and Testing of Materials, and Structural Design are given.

The design of a structure should be evolved by one having a

knowledge of the structural difficulties to be met, so that an economical and safe structure may be produced and at the same time present an agreeable appearance. Consequently the course is designed to meet these requirements, with the largest emphasis on Architectural History and Design coming about the middle of the course, followed by extensive work in Architectural Engineering.

The courses in engineering are designed for the accredited High School graduate but so many have
PREPATORY WORK not had such training that it has been found proper to require a certain amount of preparatory work for the engineering course. This consists of a diploma from an accredited High School or its equivalent.

It is possible for some of the preparatory work to be made up after entrance into the work of the engineering course, but it will be understood that the student is on condition during that period.

For those who are unable to fulfill these requirements and desire to do the work here, the University maintains a complete and excellently equipped preparatory department, an outline of which may be found on page 28.

All Engineering students must be registered with the Dean.

Special students may enter any class without examination.

Candidates for degrees must show proper preparation and full credits in the regular course.

ADMISSION The student who is properly prepared can complete the course in three years of forty-eight weeks each.

If note be taken that in nearly all of the subjects five hours or more each week are required, and forty-eight weeks each year without holidays are actually spent in the work, it will be found that the number of hours of instruction, field work, etc., is greater in three years, than in the four years of the courses usually offered by other universities and technical schools.

CIVIL ENGINEERING.

FIRST YEAR.

No.	SUBJECT	HOURS PER WEEK		
First Term, 12 weeks.		Rec.	Prac.	Credit
1.	Trigonometry	5	....	1
2.	Mechanical Drawing .....	....	5	1 ¹ / ₃
3.	Public Speaking	5	....	1
4.	Shop, Bench and Lectures	1	5	1 ¹ / ₃
5.	English (Advanced)	5	....	1
5a.	Chemistry (C. I)	5	5	1
Second Term, 12 weeks.				
6.	University Algebra, (4th Algebra)	5	....	1
7.	Chemistry (C. II)	5	5	1
8.	Mechanical Drawing (Projection)	5	....	1
9.	Shop, Lathe and Lectures	1	5	1 ¹ / ₃
10.	English (Advanced)	5	....	1
Third Term, 12 weeks.				
11.	Analytical Geometry	5	....	1
12.	Plane Surveying (C. 1)	5	10	1
13.	Descriptive Geometry (I)	5	....	1
14.	Analytical Chemistry (C. XI) .....	....	10	2 ¹ / ₃
15.	Mechanical Drawing .....	....	5	1 ¹ / ₃
Fourth Term, 12 weeks.				
16.	Analytical Geometry and Calculus	5	....	1
17.	Topography (C. 1)	2	10	1
18.	Railway Curves (C. 2)	5	3	1
19.	Descriptive Geometry (II) .....	....	10	2 ¹ / ₃
20.	Industrial Chemistry	3	....	1 ¹ / ₃
21.	Mechanical Drawing .....	....	5	1 ¹ / ₃

A limited number of substitutions (not over three) may be elected.

SECOND YEAR.

No.	SUBJECT	HOURS PER WEEK		
First Term, 12 weeks.		Rec.	Prac.	Credit
22.	Calculus	5	....	1
23.	Railway Location and Construction (C. 2)	3	12	1
24.	Railway Maintenance and Economics (C. 2)	2	3	1
25.	Physics, Course V	3	2	2/3
26.	Debating	1	....	1/3
Second Term, 12 weeks.				
27.	Calculus	5	....	1
28.	Algebraic and Graphic Statics (C. 4)....	5	10	1
29.	Astronomy	5	....	1
30.	Physics, Course VI	3	2	2/3
Third Term, 12 weeks.				
31.	Differential Equations (Optional)	5	....	1
32.	Strength of Materials (C. 3)	5	....	1
33.	Algebraic and Graphic Statics (C. 4)....	5	10	1
34.	Dynamical Geology	5	....	1
35.	Physics, Course VII	3	2	2/3
Fourth Term, 12 weeks.				
36.	Theoretical Mechanics (C. 3)	5	....	1
37.	Bacteriology (C. 6)	5	5	1
38.	Economical Geology (Blow Pipe Analysis)	5	5	1
39.	Elementary Reinforced Concrete (C. 3)	5	....	1

THIRD YEAR.

No.	SUBJECT	HOURS PER WEEK		
First Term, 12 weeks.		Rec.	Prac.	Credit
40.	Hydraulics (C. 3)	5	....	1
41.	Theory of Structures (C. 4)	5	....	1
42.	Testing Materials, (General) (C. 5).....	2	8	1
43.	Roads and Pavements (C. 6)	5	5	1
44.	Debating	1	....	1/3
Second Term, 12 weeks.				
45.	Bridge Design (1) (C. 8)	1	5	1
46.	Municipal Engineering (C. 6) .....	....	....	....
	Water Supply	3	6	1
47.	Testing Materials, (Cement and Con- crete) (C. 5)	2	8	1
48.	Heating and Ventilating (C. 10)	3	....	3/5
49.	Engines and Boilers (C. 7)	2	....	2/5
Third Term, 12 weeks.				
50.	Bridge Design (2) (C. 8)	1	6	1
51.	Municipal Engineering (Sewerage) (C. 6)	3	6	1
52.	Masonry Construction (C. 9)	3	3	3/5
53.	Gas Power (C. 7)	2	....	2/5
54.	Commercial Law	5	....	1
Fourth Term, 12 weeks.				
55.	Structural Design (C. 8)	2	4	1
56.	Masonry Construction (C. 9)			
	(Reinforced Concrete, Stereotomy)....	3	6	1
57.	Cost and Management Engineering (C. 11)	5	....	....
58.	Thesis (C. 13)	1	5	1
59.	Railway Structures (C.-2)	2	3	2/5
60.	Seminar (C. 12)	3	....	3/5

Upon the satisfactory completion of forty-eight of above credits the degree of Civil Engineer is conferred.

DESCRIPTION OF ENGINEERING SUBJECTS.

The regular college subjects will be found listed and described under their respective heads.

Texts may be changed without notice.

1. Surveying.

(a) PLANE—*Five hours lecture. Ten hours field work. Twelve weeks.*

Recitations, lectures, field and office work in the theory and practice of plane surveying. The highest standards of form and style of field notes and office calculations are required.

An instrument fee of \$1.00 is charged.

Texts: Plane Surveying, Raymond. Surveying Manual—Yeoman & Tucker.

(b) TOPOGRAPHICAL SURVEYING—*Ten hours field work. Two hours recitation. Twelve weeks.*

A study of the theory and practice of the stadia, plane-table and other instruments employed in topographical surveys. A topographical survey is made of a tract of land, including city lots, open field, rough country, and a hydrographic survey is made of a portion of one of the lakes in the vicinity.

An instrument fee of \$1.00 is charged.

Text: Same as Plane Surveying.

2. Railway Engineering.

(a) RAILWAY CURVES—*Five hours recitation. Three hours field work. Twelve weeks.*

This course takes up the theoretical study of simple, compound, and reversed railway curves, with sufficient field practice to prepare the student for the more advanced work in Railway Location.

Text: Field Manual for Railway Engineers—Nagle.

An instrument fee of 50 cents is charged.

(b) RAILWAY LOCATION AND CONSTRUCTION—*Three hours lecture. Twelve hours field work. Twelve weeks.*

A complete survey of a railway some miles in length, in which the student makes the reconnoissance, preliminary survey, topography, mapping, profiling, projecting the location, approximate estimate and final location. Advanced field problems in simple compound and transition curves.

Lectures, office and field work in railway construction, including cross-sections, calculations of quantities; haul, monthly and final estimates, etc. A complete estimate of quantities and cost of the located line, assigned reading.

An instrument fee of 50 cents is charged.

Text: Field Manual for Railway Engineers—Nagle.

(c) RAILWAY MAINTENANCE AND ECONOMICS—*Two hours lecture. Three hours drawing. Twelve weeks.*

The maintenance of railway track and structures; lectures; recitations, inspection trips, design, comparison of rail sections, tie plates, locks; section of road bed, freight yard, lectures on timber, treating ballast, etc. Economics of railway location, revisions, and improvements; analysis of operating expenses, as affected by grades, curves; economic estimates.

Text: Elements of Railway Engineering, Raymond.

(d) RAILWAY STRUCTURES—*Two hours lecture. Three hours drawing. Twelve weeks.*

Design of bridge abutments, piers, ash pits, turn tables, round houses, yard design, railway signaling.

Text: Lectures and notes.

(e) SUMMER CAMP COURSES IN SURVEYING.

Each year during the four weeks vacation, between commencement day and the beginning of the following year, a full course in field work is offered in Plane Surveying, Topography, and Railway Location and Construction. This course is offered as an advantage to the student to gain more time in the regular course to do extension work. A great many are so far from home that the four weeks are practically lost, but by taking one of these courses they can receive the benefits of a vacation and school at the same time, at a very low additional expense. The course covers the full amount of field and office work necessary for the subject. The student works full eight hours a day and does some calculating in the evening. This course has proven to be quite popular and great numbers are taking advantage of it. A tuition fee of \$10 is charged for this course.

3. Applied Mechanics.

(a) THEORETICAL MECHANICS—*Five hours. Twelve weeks.*

A study of the laws of equilibrium and motion; algebraic determination of stresses, center of gravity, moment inertia, work, energy and friction.

Text: Applied Mechanics—Vol. II Martin.

(b) STRENGTH OF MATERIALS—*Five hours. Twelve weeks.*

Mechanics of materials, including stresses and deformations in tension compression, shearing, torsion and flexure; also strength of long columns, continuous girders, reinforced concrete and the ele-

ments of the theory of elasticity. Special effort placed on reinforced concrete.

Text: Strength of Materials—Boyd.

(c) ELEMENTARY REINFORCED CONCRETE—*Five hours. Twelve weeks.*

A thoro study of reinforced concrete beam and column theory, including character of materials, slab, beam, girder and T-beam design. The value of some of the patents are also discussed.

Text: Reinforced Concrete, Vol. I—Hool.

(d) HYDRAULICS—*Five hours. Twelve weeks.*

Lectures and recitations covering the laws of motion of fluids; flow of water through orifices, open channels, and over weir, and the fundamental principles underlying hydraulic development.

Text: Hydraulics—Hoskins.

Text: Hydraulics—Slocum.

4. Algebraic and Graphic Statics.

(a) GRAPHIC STATICS—*Five hours recitation. Ten hours drawing. Twenty-four weeks.*

Analysis of stresses in roof trusses under action of static and wind loads, and in bridge trusses under action of static and moving wheel loads.

Text: Graphic Statics—Malcolm.

(b) THEORY OF STRUCTURES—*Five hours recitation. Twelve weeks.*

Lectures and recitations covering theory of combined stresses and influence lines; analysis in draw, cantilever and suspension bridges, arch-ribs, and steel structures. Notes on the economical design of structural parts.

Text: Part II Modern Framed Structures, Johnson, Bryan and Turneure.

5. Testing Materials.

(a) GENERAL—*Two hours lecture. Eight hours laboratory. Twelve weeks.*

An experimental study of the effect of tension, compression, torsion flexure, upon steel, wood, stone, concrete, plain and reinforced, brick, and other building materials. The student learns to judge the character of and material properties of building materials and to verify theoretical laws.

A laboratory fee of \$2.00 is charged.

Text: Lecture Notes—Laboratory Notes by Prof. Yeoman.

(b) CEMENT AND CONCRETE—*Two hours lecture. Eight hours laboratory. Twelve weeks.*

Special and advanced work in testing materials used in masonry construction, with particular attention to cements and proportioning concretes, the effect of proportioning on the cost.

A laboratory fee of \$2.00 is charged.

Text: Concrete, Plain and Reinforced—Taylor and Thompson.

Notes by Prof. Yeoman.

6. Municipal Engineering.

(a) ROADS AND PAVEMENTS—*Five hours recitation. Five hours drafting and field work. Twelve weeks.*

Recitations and lectures on purpose, quality, location, construction and maintenance of roads and pavements; friction and resistance to rolling; tractive power of gradients; design estimates, cost, and field location of different types of roads at various grades.

Text: Hand Book for Highway Engineers—Harger and Bonney.

(b) WATER SUPPLY ENGINEERING—*Three hours lecture. Six hours drafting. Twelve weeks.*

A study of the various sources of water supply; design and construction of the various methods of supplying water, methods of connection and distribution; pumping machinery, tanks, and reservoirs.

Text: Public Water Supplies—Turneaure & Russel.

(c) SEWERAGE—*Three hours lecture. Six hours drafting. Twelve weeks.*

Systems of carriage for storm water and sewerage, separate and combined; laws of flow; field work in running profiles, profiles from contours, determining grades, computing quantities, designs of plans; specifications; contract and method of assessment.

Texts: Sewers and Drains—Marston. Sewage Disposal—Kinicut, Winslow and Pratt.

(d) BACTERIOLOGY—*Five hours lecture. Five hours laboratory. Twelve weeks.*

This course covers the microscopical examination of drinking water; qualitative and quantitative bacteriological analysis of water and sewage; practice in detecting sewage bacteria in suspected waters; the interpretation of chemical analysis bearing on bacteriological analysis, personal and public hygiene, contagion, pasteurization and sterilization.

A laboratory fee of \$2.50 is charged.

Text: Aids to Bacteriology—Moore & Partridge, or General Bacteriology—Jordan.

7. Power Engineering.

(a) ENGINES AND BOILERS—*Two hours lecture and recitation. Twelve weeks.*

A study of steam and gas engines as to structural detail; valves, simple and compound; link motion and reversing gears; zeuner diagrams and the theory of steam engine indicator. A similar study is made of a number of typical boilers as to their construction, advantages and disadvantages. The modern steam turbine and gas engine receive particular attention concerning their construction.

Text: Heat Engines—Ripper.

(b) GAS ENGINES—*Two hours recitation. Twelve weeks.*

A brief study of gas, gasoline and oil engines with special attention given to the practical side. Contractors' small power plants and automobile engines are examined in detail.

Text—Gas, Gasoline and Oil Engines—Hiscox and Page.

8. Design of Steel and Wood Structures.

(a) BRIDGE DESIGN AND DETAILS—*One hour lecture. Five hours drawing. Twenty-four weeks.*

Definition, classes, development, design estimate of quantities, weight and cost of truss bridges and plate girders. Special attention given to shop details.

Text: Structural Engineers Hand Book.—Ketchum.

(b) STRUCTURAL DESIGN AND DETAILS—*Two hours lecture. Four hours drawing. Twelve weeks.*

Study of the design and erection of steel frame buildings; estimates, weight, shop details and cost; also the design, erection, estimate and cost of wood frame buildings. Advanced lectures on the supply, use and preservation of structural timber.

Text: Same as Bridge Design.

9. Masonry Construction.

(a) MASONRY CONSTRUCTION—*Three hours recitation. Three hours drawing. Twelve weeks.*

(b) MASONRY CONSTRUCTION—*Three hours recitation and lecture. Six hours drawing. Twelve weeks.*

Principles of foundations; design of grillage, pile and reinforced concrete foundations, design of reinforced concrete beams,

girders, slabs, columns, buildings, retaining walls and arches. Special study is made of the various construction companies' catalogues and the value of their patents.

Text: Masonry Construction—Baker.

10. Heating and Ventilating.

Three hours recitation. Three hours drawing. Twelve weeks.

A study of the principles underlying the design of the various systems of heating and ventilating in common use, as employed in private and district heating plants. Special attention is paid to practical applications and comparative efficiencies. The designs submitted by each student cover systems used in residences, school or office buildings, and central heating stations. The classroom work is supplemented by laboratory experiments. Two lectures and three recitation hours each week. Must be preceded or accompanied by Physics III.

Text: Hand book for Heating and Ventilating Engineers—Hoffman.

11. Cost Engineering.

Five hours recitation. Twelve weeks.

Study of principles underlying cost and management on large and small contracts. Reading and estimating quantities from blue prints. Collection and tabulation of cost data. Study of labor conditions in various parts of the world. Comparison of costs between hand labor, animal labor, and machine labor. The human side of engineering.

Text: Engineering Office Methods—Davis.

12. Inspection Trips.

Each student is required to participate in at least one inspection trip in the second year covering one day, and three in the third year covering three days.

The second year trip takes place during first term and applies to Railway Engineering.

The third year trip covers Concrete Structures, Bridge and Municipal Plants.

The total expenses need not exceed \$5.00 per trip. A small fee is charged to pay the general expense of the trip and arrangements.

13. Seminar.

Three hours. Twelve weeks.

Assigned reading and reports on current and past engineering subjects. Semi-weekly meetings and discussions of leading articles of the week.

14. Thesis.

One hour recitation. Five hours drawing. Twelve weeks.

The completion of a satisfactory thesis or its equivalent is required of all candidates for the degree of Civil Engineer. The subject must be submitted prior to the opening of the term in which it is worked. The subject and treatment will be amenable by the Dean of Engineering.

Note: The University reserves the right to retain a part of any student's work (in Engineering) for use in class instruction. Only a small part of any one student's work will be retained.

ARCHITECTURAL ENGINEERING.

FIRST YEAR.

A=Architecture.

SUBJECT.	HOURS PER WEEK.	
First Term, 12 weeks.	Recitation.	Practice.
Mechanical Drawing I .....	....	5
Trigonometry	5	....
Freehand Drawing (A. 1) .....	....	6
Shop, Bench and Lectures	1	5
English, Course V	5	....
First Chemistry	5	....
Second Term, 12 weeks.		
University Algebra, 4th Algebra	5	....
Freehand Drawing (A. 2) .....	....	6
Mechanical Drawing II	5	5
Architectural Drawing and Elements of Architecture (A. 6) .....	....	9
Descriptive Geometry I	5	....
Debating	1	....
Third Term, 12 weeks.		
Analytical Geometry	5	....
Shades and Shadows and Perspective (A. 8)	3	6
Freehand Drawing (A. 3) .....	....	6
Plane Surveying	3	10
Debating	1	....
Fourth Term, 12 weeks.		
Analytical Geometry and Calculus	5	....
Architectural Drawing and Elements of Architecture (A. 7)	2	9
Descriptive Geometry II	5	....
Building Construction (A. 10)	4	8

A limited number of approved substitutions (not over three) may be elected.

SECOND YEAR.

SUBJECT.	HOURS PER WEEK.	
First Term, 12 weeks.	Recitation. Practice.	
Calculus	5	....
Physics	5	....
Freehand Drawing (A. 4) .....	....	6
History of Architecture and Research (A. 13)	3	2
Composition and Design (A. 18)	2	8
Building Construction (A. 11)	2	4
Second Term, 12 weeks.		
Calculus	5	....
Algebraic and Graphic Statics	5	5
Physics VI	5	....
History of Architecture and Research (A. 14)	3	3
Freehand Drawing (A. 5) .....	....	6
Architectural Design (A. 19) .....	....	8
Third Term, 12 weeks.		
Strength of Materials	5	....
Algebraic and Graphic Statics	5	5
Building Construction (A. 26)	2	6
History of Architecture and Research (A. 15)	3	3
Architectural Design (A. 20)	2	8
Fourth Term, 12 weeks.		
Theoretical Mechanics	5	....
Building Construction (A. 27)	4	6
History of Architecture and Research (A. 16)	3	3
Architectural Design (A. 21) .....	....	9
Architectural Composition (A. 24)	3	4

Local inspection visits from time to time throughout the entire course.

THIRD YEAR.

SUBJECT.	HOURS PER WEEK.	
First Term, 12 weeks.		Recitation. Practice.
Hydraulics	5	....
Structural Design (A. 29)	2	6
Theory of Structures or Dynamical Geology	5	5
Architectural Design (A. 22) .....	....	6
Stereotomy (A. 31)	2	4
Building Illumination (A. 32)	2	....
Second Term, 12 weeks.		
Bridge Design I	1	5
Heating and Ventilation (A. 33)	3	....
Design (A. 23) .....	....	9
Commercial Law	5	....
Fire Protection Engineering (A. 30)	4	4
Building Sanitation (A. 35)	3	4
Third Term, 12 weeks.		
Reinforced Concrete Construction	3	4
Specifications and Estimating (A. 36)	2	....
Testing Materials I	2	8
Architectural Engineering (A. 37)	5	6
Thesis, Design (A. 39) .....	....	4
Fourth Term, 12 weeks.		
Architectural Engineering (A. 38)	2	6
Testing Materials II	2	8
Cost and Management Engineering	5	....
Thesis. Design (A. 40) .....	....	20

Upon the satisfactory completion of the above subjects the degree of Architectural Engineer will be conferred.

DESCRIPTION OF COURSES IN ARCHITECTURAL ENGINEERING.

The regular college subjects are described under their respective heads.

FREEHAND DRAWING.

This subject is one of much importance to the architectural student. It affords a training to both hand and eye which at once gives facility in handling the pen and compass in the later work of the course. Considerable attention is given to rendering in charcoal, pencil, pen and ink, and water color.

A. 1. FREEHAND DRAWING.

Drawing in charcoal from simple forms and casts of architectural ornament.

A. 2. FREEHAND DRAWING.

Continuation of Course 1. Drawing in pencil from decorative forms.

A. 3. FREEHAND DRAWING.

Continuation of Course 2. Exercises in water-color (monochrome).

A. 4. FREEHAND DRAWING.

Continuation of Course 3. Drawing in water-color.

A. 5. FREEHAND DRAWING.

Exercises in pen and ink drawing of architectural subjects.

ARCHITECTURAL DRAWING AND ELEMENTS OF ARCHITECTURE.

The aim here is to train the student to draw well, neatness and accuracy being essential. Drawings explaining the construction of various details of a house such as cornices, windows, doors, partitions, and floors are made. Drawings of the classical orders are also made in the latter part of the course in order that the student may become accustomed to good architectural proportions. Shades and shadows are accurately cast and the drawings rendered in India ink and water-colors.

A. 6. ARCHITECTURAL DRAWINGS AND ELEMENTS OF ARCHITECTURE.

Drawing and rendering of architectural subjects.

A. 7. ARCHITECTURAL DRAWING AND ELEMENTS OF ARCHITECTURE.

Continuation of Course 6. Study of Mouldings, elements, the orders, etc. Text: Vignola, *The Five Orders of Architecture*.

A. 8. SHADES AND SHADOWS AND PERSPECTIVE.

Study of the principles of casting shades and shadows from text and applications of them in drafting room practice. The principles of perspective are also studied by means of notes and text. Text: McGoodwin, *Architectural Shades and Shadows*.

A. 10. BUILDING CONSTRUCTION.

Study of wood construction, kinds of wood and their uses in buildings; materials, methods and processes of construction. Complete construction of frame buildings from the rough framing to the interior finish. Working drawings and details. Study of text, lectures, drawings and inspection of buildings. A complete set of framing plans are made. Text: Kidder's *Building Construction and Superintendence Part II*.

A. 11. BUILDING CONSTRUCTION. Continuation of Course 10.
HISTORY OF ARCHITECTURE AND RESEARCH.

Study of the history of architecture from the time of the early Egyptians to the present day. General history is briefly noted so that the history of the people as it influenced their architecture may be seen. The origin and characteristics, the conditions, materials, and structural methods of each period as well as the decoration and planning are studied, by means of lectures, recitation, and assigned reading. Independent research work and drawings are required. Text: Fletcher, *A History of Architecture on the Comparative Method*.

A. 13. HISTORY OF ARCHITECTURE AND RESEARCH.

Study of Ancient architecture of the eastern countries, Egypt, Western Asia, Greece and Rome. Lectures, recitation and assigned reading in connection with research work. Text: Same as above.

A. 14. HISTORY OF ARCHITECTURE AND RESEARCH.

Christian and Byzantine Architecture, Romanesque styles in Italy and other European countries. Early development of the Gothic. Lectures, recitation and assigned reading. Independent research work. Text: Same as above.

A. 15. HISTORY OF ARCHITECTURE AND RESEARCH.

Gothic Architecture of Italy, France, England and other European countries. Lectures, recitation and assigned reading. Research plates. Text: Same as above.

A. 16. HISTORY OF ARCHITECTURE AND RESEARCH.

The Renaissance in Europe. Study of modern styles. Lectures, recitation and assigned reading in the library. Research work. Text: Same as above.

A. 17. ARCHITECTURAL DESIGN.

The principles of design and their application. Study of the disposition and arrangement of the different elements in such a way as to produce a pleasing appearance. The requirements and planning of various kinds of buildings are studied. Problems of design in different materials of construction.

A. 18. COMPOSITION AND DESIGN.

An introductory course treating of the elementary principles of pure design. Composition and grouping of simple forms. Exercises and study of examples. Text: Lectures and references in library.

A. 19. ARCHITECTURAL DESIGN.

The underlying principles of architectural design. Study of the requirements and planning of buildings. Simple problems requiring accurate draftsmanship and rendering. Text: Numerous References in Library.

A. 20. ARCHITECTURAL DESIGN.

A continuation of course 19. Original problems to be worked out in the drafting room.

A. 21. ARCHITECTURAL DESIGN.

Continuation of Course 20.

A. 22. ARCHITECTURAL DESIGN.

Continuation of Course 21.

A. 23. ARCHITECTURAL DESIGN.

Continuation of Course 22.

A. 24. ARCHITECTURAL COMPOSITION.

To be taken with Architecture 21. Discussion of scale, proportion, unity, subordination, analysis of buildings. Text: Robinson, Architectural Composition.

A. 26. BUILDING CONSTRUCTION.

Study of masonry construction, materials and processes. Kinds of soil and types of foundations most suitable. Varieties of stone and their use in buildings, also the manufacture and use of brick in building construction. Study of text, lectures, drawings and inspection of buildings. Complete design of a masonry building. Text: Kidder's Building Construction and Superintendence, Part I. Kidder's, Architects and Builders Pocketbook.

A. 27. BUILDING CONSTRUCTION.

Continuation of Course 26.

A. 29. STRUCTURAL DESIGN.

Advanced problems in Construction. The nature of the problems is varied, and will include such as the making of footing plans, the design of floors and the design of roofs. Problems relating to retaining walls, shoring and underpinning; footings, and others of a similar nature are worked out. Study of text and regular periods of design in the drafting room. Text: Kidder's Building Construction and Superintendence Vols. I and III. Kidder's Handbook, and Carnegie Handbook.

A. 30. FIRE PROTECTION ENGINEERING.

Study of the theory and practice of fire prevention and fire protection as applied to building construction, fire tests and materials, and fire-resisting design. The different types of fire-resisting construction are carefully noted, together with special structural features. Attention is also given to sprinkler systems and other safeguards. Text: Freitag, Fire Prevention and Fire Protection as applied to Building Construction.

A. 31. STEREOTOMY.

Stonework. Application of the principles of descriptive geometry. Problems in plane-sided structures, intersecting arches, and warped surfaces. Architectural stonework. Recitations and drawing. Text: French,—Ives, Stereotomy.

A. 32. BUILDING ILLUMINATION.

Study of lighting fixtures and the different methods of artificial lighting used in buildings.

A. 33. HEATING AND VENTILATING.

A study of the principles underlying the design of the various systems of heating and ventilating in common use, as employed in private and district heating plants. Special attention is paid to practical applications and comparative efficiencies. The designs submitted by each student cover systems used in residences, school or office buildings, and central heating stations. The classroom work is supplemented by laboratory experiments. Two lectures and three recitation hours each week. Must be preceded or accompanied by Physics III. Text: Hand Book for Heating and Ventilating Engineers, Hoffman.

A. 35. BUILDING SANITATION.

Study of plumbing, fixtures, methods and materials. General study of sanitary plumbing. Proper arrangement of fixtures, sewage removal and disposal. Systems of water supply and drainage of buildings. Testing of plumbing work and sewage disposal of isolated dwellings. Class room work and drawings.

A. 36. SPECIFICATIONS AND ESTIMATING.

Practical methods of obtaining cost data. Forms of specifications, preparation of documents showing the importance of accuracy in the expression of thought intended. Text: Notes and References.

A. 37. ARCHITECTURAL ENGINEERING.

Design and erection of steel frame buildings, more especially high building construction. Details of construction and methods of erection. Study of text and work in drafting room. Text: Freitag, Architectural Engineering.

A. 38. ARCHITECTURAL ENGINEERING.

Continuation of Course 37.

A. 39. THESIS. DESIGN.

A. 40. The satisfactory completion of an extended problem in design consisting of complete drawings and description, is required to complete the course.

For the description of the courses in Plane Surveying, Theoretical Mechanics, Strength of Materials, Algebraic and Graphic Statics, Hydraulics, Theory of Structures, Testing Materials, Bridge Design, Reinforced Concrete, and Cost and Management Engineering, see the description of courses in the department of Civil Engineering.

DEPARTMENT OF MANUAL TRAINING.

The work in this department is divided into three sections:

SECTION A—For those who desire to take the work for its educational value.

SECTION B—For those preparing to teach the work. The educational value of Manual Training is thoroughly appreciated, but the scarcity of prepared teachers greatly retards its universal introduction.

SECTION C—For those who are pursuing some engineering course.

Lectures are given on: Structure, Property and Decay of Wood; Structure and Use of Tools; Methods of Construction; Design; History of Manual Training; Organization of Manual Training.

Diplomas are granted to those in section B who complete in a satisfactory manner the following requirements in addition to the regular work, but no diploma will be granted without a residence attendance at this University of at least one year.

SOLID GEOMETRY—*Five hours. Twelve weeks.*

PHYSICS—*Five hours. Twenty-four weeks.*

TEACHERS' GRAMMAR—*Five hours. Twelve weeks.*

RHETORIC—*Five hours. Twenty-four weeks.*

GENERAL HISTORY—*Five hours. Twenty-four weeks.*

CIVIL GOVERNMENT—*Five hours. Twelve weeks.*

PROFESSIONAL WORK—*Five hours. Forty-eight weeks.*

DEBATING—*One hour. Eighteen weeks.*

ONE YEAR'S SUCCESSFUL TEACHING.

Performance of duties at the Arts and Crafts Club (an organization which meets once a week and discusses Manual Training Topics).

The regular work of the Department of Manual Training comprises:

COURSE I—*Five hours. Twelve weeks.*

Elementary Manual Training. This involves work in paper, raffia, clay, pottery and bookbinding. It is applicable especially to the first four grades.

COURSE II—*Five hours. Twelve weeks.*

Sloyd. This course is applicable especially to grades five and six and consists of elementary hand tool processes and the construction of small, useful articles; e. g., Rulers, letter openers, pencil trays, etc.

COURSE III—*Five hours. Twenty-four weeks.*

Elementary Bench Work. This course is applicable especially to grades seven and eight. Planing, drawing and all hand tool processes, construction of the various kinds of joints, making of useful articles such as plate racks, footstools, book holders, etc.

COURSE IV—*Five hours. Twenty-four weeks.*

Advanced Bench Work. This course is applicable to advanced grades and high school. Construction of more difficult projects such as chairs, tables, etc.

COURSE V—*Five hours. Twenty-four weeks.*

Cabinet Making and Machine Work in Wood. Consisting of the construction of bookcases, desks, china closets, etc. The student makes full use of the various machines, becoming acquainted with their construction, use and care.

COURSE VI—*Five hours. Twenty-four weeks.*

Turning. This course consists of standard exercises after which many useful and interesting articles are turned.

COURSE VII—*Five hours. Twenty-four weeks.*

Pattern Making and Foundry.

COURSE VIII—*Five hours. Twelve weeks.*

Free Hand Drawing.

COURSE IX—*Five hours. Forty-eight weeks.*

Mechanical Drawing. This course consists of lettering, drawing from models, copying from plates, projections, isometric drawing, detail and assembled drawing of machines, shading, tinting, stippling, gearing, tracing and blue-printing.

COURSE X—*Five hours. Twelve weeks.*

Descriptive Geometry I. Theoretical problems.

COURSE XI—*Five hours. Twelve weeks.*

Descriptive Geometry II. Shadows, perspective, and practical structural problems involving Descriptive Geometry.

Those taking the Teacher's Course are not required to take Course XI.

A fee of \$4.00 per term hour for materials used is charged for Course V. For other shop courses \$3.00 per term hour is charged.

DEPARTMENT OF LAW.

Those desiring further information concerning this Department should address the University for the Annual Announcement of the Department of Law.

The Department of Law was instituted in 1879. Its history has been one of usefulness and success. It stands for sound legal education, complete utilization of time, and minimum expense. It aims to give a practical and thorough training in law to students who possess sufficient maturity, earnestness, and ability to sustain the demands of serious professional study.

The school year will open on Tuesday, September 21, 1915, and will close on Wednesday, June 21, 1916. Recitations will begin promptly on September 22.

THE SCHOOL YEAR The year in the Department of Law consists of three terms. The Fall term comprises twelve weeks, the Winter term twelve weeks, and the Spring term sixteen weeks. The quarter system, which prevails in most of the other departments, does not apply to the Department of Law. Students should enter at the beginning of the Fall term, and will not be received after October 1, except for the most urgent reasons. An intermission of two school days occurs between terms. There are no other vacations, and the only holidays are Thanksgiving day and Christmas day. A year at this school therefore signifies *forty weeks of uninterrupted study*. Realizing that a student's expenses are continuous, the University offers a day's instruction for practically every day spent in residence.

The curriculum at present covers eighty weeks, with a total of more than 1200 hours of class-room work in required subjects and 300 hours in elective subjects. The same

TWO-YEAR COURSE subjects, with a few exceptions, and about the same number of hours in each subject, are given as in the best three-year schools. This is possible because (1) the school year is longer than in most other schools, (2) vacations are almost eliminated, (3) the courses of study have been arranged with more than ordinary care to provide the most natural line of progress for the learner, (4) the method of instruction is a carefully balanced combination of case study, text study, and practical work, (5) students are given the greatest possible amount of personal attention and poor work is not accepted or excused, and (6) the great majority of students who enter the school have come with the intention of making law their life work. These features

may justly be said to make a two-year school with a three-year standard.

Although the foregoing policy has in the main produced consistently good results, an extension and enrichment of the courses of study is contemplated. Changing conditions are demanding fuller preparation and higher standards of admission for the profession of law. Hence the school expects to require three years of study for graduation of those who enter as beginning students in the year 1916-1917. More definite announcement as to this may be expected in the next annual publications of the University.

The Department now occupies a comfortable building, with well appointed recitation and library rooms, and offices for the instructors. A good working law library is maintained in EQUIPMENT the building and its use is free to law students from 9 A. M. to 9 P. M. Important additions have recently been made to the library, and further additions will be made during the year. The general library of the University is also open to law students without additional charge.

COURSES OF INSTRUCTION.

The work consists of thirty-two required courses in law subjects and six elective courses in academic subjects, as follows:

FIRST YEAR, 1915-1916.

Fall Term.

September 21, 1915, to December 9, 1915.

<i>Course.</i>	<i>Subject.</i>	<i>Hours.</i>
1a	Elementary Law, A (Private and Public Rights).....	25
1b	Elementary Law, B (Private and Public Wrongs).....	25
2a	Introduction to the Study of Law.....	10
3a	Contracts (begun)	60
4a	Torts (begun)	35
5a	Criminal Law (begun)	25
A	History of England*.....	60

*Required unless credit is presented.

Winter Term.

December 14, 1915, to March 2, 1916.

3a	Contracts (completed)	40
4a	Torts (completed)	45
5a	Criminal Law (completed)	10

5b-8a	Procedure I: Criminal Procedure.....	25
6a	Persons and Domestic Relations.....	25
2b	Legal Bibliography and Briefmaking.....	20
8b	Procedure II: Common-Law Pleading (begun).....	15
B	Constitutional History of England (elective).....	60
C	Public Speaking (elective).....	60

Spring Term.

March 7, 1916, to June 21, 1916.

3b-4b	Agency	65
8b	Procedure II: Common-Law Pleading (completed).....	30
9a	Equity Jurisprudence	65
8c-9b	Procedure III: Equity Pleading.....	30
7a	Bailments and Carriers.....	50
D	Public Speaking (elective).....	60
E	Political Economy (elective	60

SECOND YEAR, 1915-1916.

Fall Term.

September 21, 1915, to December 9, 1915.

<i>Course.</i>	<i>Subject.</i>	<i>Hours.</i>
7b	Property II: Real Property (begun).....	60
8d	Procedure IV: History of Code Pleading.....	20
8e	Procedure V: Code Pleading.....	50
6b	Partnership	45
2c	University Moot Court.....	25
6c	Corporations (begun)	15
2d	Legal Ethics	10
F	Public Speaking (optional).....	60

Winter Term.

December 14, 1915, to March 2, 1916.

7b	Property II: Real Property (completed).....	25
8f	Procedure VI: Evidence.....	40
6c	Corporations (completed)	30
3c	Sales	30
2e	University Circuit Court (February Term).....	20
2f	Trial Practice (begun).....	25
G	Sociology (optional)	60

Spring Term.

March 7, 1916, to June 21, 1916.

10	Constitutional Law	65
2e	University Circuit Court (March Term).....	20
7c	Property III: Wills and Administration.....	55
2f	Trial Practice (completed).....	20
7d	Property IV: Abstracts and Conveyancing.....	45
3d	Bills, Notes, and Checks.....	40

BOOKS REQUIRED FOR CLASS WORK.**First Year.**

Robinson's Elementary Law (1st ed.), Bowman's Questions, Exercises and Notes on Elementary Law, and Blackstone's Commentaries (any unabridged edition); Woodruff's Introduction to the Study of Law; Huffcut and Woodruff's American Cases on Contract (2d ed.), and Huffcut's Anson on Contract (2d ed.); Clark on Criminal Law (2d ed.), and Fisher's Cases on Criminal Law; Clark's Criminal Procedure; Torts, case book and text book to be announced; Peck on Persons and Domestic Relations; Martin's Civil Procedure at Common Law; "Brief Making and the Use of Law Books" (3d ed.); Huffcut's Cases on Agency, (2d ed.), and Huffcut on Agency, (2d ed.); Hutchin's and Bunker's Cases on Equity Jurisprudence (2d ed.), and Eaton on Equity; Equity Pleading, case book to be announced; Goddard's Cases on Bailments and Carriers, and Goddard's Outlines of Bailments and Carriers.

Second Year.

Reeves on Real Property (2 vols.); Gilmore's Cases on Partnership; Hepburn's Historical Development of Code Pleading; Bowman's Code Pleading, and Hinton's Cases on Code Pleading; Clark on Corporations (2d ed.), and Elliott's Cases on Corporations; McKelvey on Evidence (2d ed.); Wambaugh's Cases on Constitutional Law; Benjamin's Principles of Sales (2d ed.), and Ingler's Cases on Sales; Costigan's Cases on Wills, Descent, and Administration; Bigelow's Cases on Bills, Notes, and Cheques (2d ed.), and McMaster's Irregular and Regular Commercial Paper; Warvelle's Legal Ethics; Outlines for Practice in the University Circuit Court; Warvelle on Abstracts (3d ed.); Sunderland's Cases on Trial Practice; Holland's Jurisprudence (11th ed.)

All books above listed are essential. Editions other than those named should be avoided.

A good law dictionary is indispensable. Rawle's Bouvier (3d ed.) is the best, but somewhat expensive. Anderson, Black NOTE (2d ed.), The Cyclopedic, Kinney, Stimson, and Cochran are also recommended in the order as named. It is also advisable for the student to obtain the latest compilation of statutes of the State where he expects to practice, and to make constant use of it in his daily preparation.

Applicants are admitted as regular, special, and unclassified students. A serviceable knowledge of the common branches is a prerequisite in every case. Foreign-born applicants must be proficient in English.

REQUIREMENTS FOR ADMISSION Regular Students.—To be admitted to regular standing applicants must present upon entering twenty-four credits in Algebra, Geometry, Latin or German, Physics, Chemistry, Botany or Zoology, Ancient History, Medieval and Modern History, English History, Rhetoric, English Literature, and American Literature, or must take examinations to obtain such credits. A credit is equivalent to the work of five recitation hours per week for twelve weeks, as done in the academic departments of this University, or of a half-year's work in a subject as done in most high schools. Three years of work in a regular high school will be accepted as a sufficient compliance with the above requirement. Reasonable substitution of other high school subjects for those named will be permitted. No substitution, however, can be made for History, and some knowledge of Latin is required of all who present fewer than four credits in German. Applicants who present convincing evidence of sufficient maturity and experience to warrant the belief that they are capable of doing exceptionally good work in law, may be allowed not to exceed three credits, in the discretion of the faculty, for practical training and experience. Credits on this ground, however, are provisional until the student has, by class-room work and written examinations, demonstrated his ability to do good work in law. To prevent delay and uncertainty in registration, applicants are requested to bring proper credentials from the schools in which they have received their preliminary training and then present them to the Dean at the time of applying for admission.

Note.—In 1916-1917, thirty-two high school credits, or a four-year high school course, will be required for admission as a regular student.

Special Students.—Applicants not less than twenty-one years old who have sixteen credits or two years of high school work, and applicants not less than twenty-three years old without high school

work are admitted as special students, if the faculty are convinced that their training and experience will enable them successfully to pursue the work. Special students who have or who make up the required credits in History and who maintain a standing in their law work five per cent above the passing mark are eligible to graduation. This provision must not be understood to indicate a disposition on the part of the Department to be lax in the enforcement of its entrance requirements. Comparatively few, in fact, are admitted as special students, and the right is reserved to cancel the registration of all who do poor work. Yet training received outside of school may have genuine educative value as a preparation for the study and practice of law. It is therefore the policy of the Department to encourage the attendance of students of uncommon ability, who by reason of maturity and experience are *really qualified to do the work of the law courses*, even though their previous school training has been limited. Many such students have done excellent work in the Department, and are today occupying high and honorable places in the profession. To such the Department continues to offer exceptional advantages.

Persons who are lacking in preliminary education are invited to consider the Preparatory Courses described on a later page. The subjects given are in all cases advantageous, and in many states credit in such subjects is necessary to comply with the requirements of the bar examiners. Special students may take preparatory work to remove their deficiencies, and will be advanced to regular standing if the required number of credits is obtained before entering the second year. Permission must be obtained, however, to take more than one subject a term besides law.

Unclassified Students.—Applicants who do not apply for regular or special standing, or who desire to take only a part of the work, are admitted as unclassified students, *not candidates for a degree*.

Advanced Standing.—To be admitted to the second year as a candidate for graduation in June, the applicant must have satisfactorily completed at this school the work of the first year; or must satisfy the preliminary requirements for admission, as above stated, and present a certificate that he has accomplished at another school work equivalent to that of the first year; or must satisfy the preliminary requirements, as above, and pass satisfactory examinations on the work of the first year.

Late Entrance.—Second year students are not received as candidates for graduation after October 1. First year students are received after October 1 only upon presenting credits earned in

another law school covering the work already done by the class or upon passing examinations in the same.

The candidate for the degree of Bachelor of Laws (LL. B.) must be of good moral character and must satisfactorily complete all the required courses of instruction. In
REQUIREMENTS estimating grades, examinations, recitations,
FOR GRADUATION and attendance are considered. The minimum passing mark is 80%. A mark of from 70% to 79% in any subject gives the student a condition in that subject. Grades are indicated as follows: M, merit; P, passed; C, conditioned; F, failed. C in more than 100 hours of work in either year impairs regular standing. F subjects must be taken over. A student who lacks sufficient credits to entitle him to graduate with his class in June may be given his diploma when he has completed all the required courses.

Credits are accepted from other law schools where the admission requirements and the character of the work are not less than those of this Department. To receive the degree, every student admitted to advanced standing must have attended this University not less than approximately forty weeks and must have taken not less than 550 hours of work.

The work of the law courses is based upon a net period of eighty weeks of resident study, instead of two or three years of about thirty weeks each after vacations are deducted, as in many other schools. *No encouragement can be given to beginning students who desire to obtain the degree in less than the required time.*

Courses in preliminary subjects are arranged for each applicant so as to meet his individual needs. They include the common branches, instruction in English for
PREPARATORY COURSES students from foreign countries, the credits necessary for regular standing, and all other academic subjects required by the bar examination rules of any State. Persons whose general education is deficient are advised to enter these courses a sufficient time in advance of the Fall term to make up all arrears and gain regular standing before undertaking the study of law.

Classes in common school and high school subjects are formed every term. Hence those who desire such subjects will find suitable classes at any time they may enter. The students in these classes are much more mature and earnest than pupils in common schools and high schools, and are able to complete the work in about half the time required in such schools. Students preparing for the study

of law, therefore, may proceed as rapidly as their capabilities permit.

Many States now require the completion of a high school course or its equivalent as a preparation for admission to practice law. The preparatory courses provide an effective means of complying with these requirements. By writing to the Dean of the Department, any applicant may obtain information as to the requirements of the State where he expects to practice.

The instruction consists mainly of the daily discussion and analysis of cases. This is supplemental, especially in the earlier courses, by the study of standard
METHOD OF INSTRUCTION text-books. -There are also occasional lectures, and a considerable amount of practice work. This combination method is the result of much study of the actual needs and capabilities of students and is designed to develop the power of legal reasoning and to give a practical knowledge of legal principles.

The practice work here mentioned consists of exercises in the use of authorities, drafting legal papers, and practice in the two courts of the Department—the University Moot Court and the University Circuit Court. Participation in these courts is required of all second-year students.

In the University Moot Court questions of substantive law are argued orally and by written briefs before a member of the faculty sitting as judge. Credit in this course is given on the basis of excellence of argument, skill shown in finding authorities, and attendance. The University Circuit Court is organized in all respects, so far as possible, like the authoritative tribunals of the country. It is presided over by an instructor of wide experience on the bench, and members of the class perform the duties of the various officers and act as counsel. Process is issued under the seal of the court, pleadings and other court papers are filed, a full legal record of proceedings is kept, cases are contested from their incipency to final judgment, and the necessary steps are taken to carry them to the courts of appellate jurisdiction. *Special attention is given to familiarizing students with the practice of law.*

The tuition fee is \$65 for the year of forty weeks, paid in advance; or \$24 each for the Fall and Winter terms, and \$32 for the Spring term. No deduction is made on account of
EXPENSES entering late or leaving early where credits are desired for the year's work. When a student who has paid for a year in advance is obliged to leave, term rates for the instruc-

tion received, including the term then in progress, are retained and the balance is refunded. Payment of the tuition fee entitles the student, without additional expense, to the use of the libraries and to instruction in any other department except Medicine, Pharmacy, and Dentistry. It is never advisable, however, to take more than one subject besides law. A moderate charge is made for private lessons in oratory, music, art, and penmanship.

Board and furnished room cost from \$26.00 to \$41.00 for a term of twelve weeks. Tuition, board, and furnished room for forty weeks may be had for \$151.65.

The diploma fee is \$5. Certificates of admission to the various courts cost \$5.

For additional information in regard to expenses, consult "Expenses" in this catalog.

All books named in the foregoing courses are essential. Old editions should be avoided. The books cost new about \$55 for each year, not including the law dictionary. The COST OF BOOKS renting of law books has been discontinued.

Used books may readily be purchased and disposed of, however, so that the use of all books above listed need not cost more than from \$15 to \$25 a year. By rooming with a classmate even this expense may be cut in half. The student will find great advantage, however, in keeping all his books for reference during his later courses and after graduation.

The Baccalaureate address occurs on Sunday, Senior Class Exercises on Monday, Reunion of the Alumni on EXERCISES Tuesday, and Commencement on Wednesday of the closing week of the Law year in June.

For further information, address,

DEPARTMENT OF LAW, VALPARAISO UNIVERSITY,

Valparaiso, Indiana.

DEPARTMENT OF PHARMACY.

A special catalog of the Department of Pharmacy is issued annually. Those desiring further information concerning this department should address the University for the Annual Announcement.

The Department of Pharmacy graduated its first class in 1893. Every branch of pharmacy is taught in this department. The department prepares for the duties of the pharmacist, and, at the same time, provides an excellent preparation for the study of medicine and dentistry, or for many other scientific and professional vocations. It also qualifies for analytical work in manufacturing establishments either for the purity of materials used in manufacturing or in testing the products of the various industries.

The Department of Pharmacy is located in one of the newest and best equipped buildings of the University. This building is a three-story structure, 60x120 feet. The walls are EQUIPMENT constructed of Bedford stone and pressed brick with lining throughout of builders' terra cotta. This building is provided with all modern conveniences; is well lighted and ventilated. The total floor space is 21,600 square feet. In all, there are eight separate laboratories in which the different kinds of laboratory work in pharmacy are done. Each laboratory is supplied with special modern apparatus. These laboratories have a capacity for twelve hundred different students daily, the apparatus of each student at no time being used by another. The facilities and equipment of the Department of Pharmacy are entirely adequate.

Three courses of instruction are offered in the Department of Pharmacy. These are known as the *Graduate in Pharmacy* or *Ph. G. Course*, *Pharmaceutical Chemist or Ph. C. COURSES OF* *Course*, and *Post-Graduate Course*.

INSTRUCTION The *Graduate in Pharmacy Course* comprises two years of nine months each. Each year is divided into three terms of twelve weeks each, with an interim of three months between Junior and Senior years.

This is the most popular course in the Department of Pharmacy because it is one designed to prepare the student for the duties of the retail pharmacist.

While this course is not planned especially for the purpose of fitting students for examination, those who complete it should be

able to pass any state board, and are qualified to fill responsible positions.

The curriculum is so arranged that the subjects pursued will prepare the student for all the studies to be taken up in the succeeding terms, thus preserving logical sequence in the order in which the different subjects in the course in Pharmacy are presented. It is also arranged in conformity to the outline given in the Pharmaceutical Syllabus. However, in every instance there is offered and required a greater number of hours than indicated in the outline given by the National Committee. To a very limited extent, students may elect certain branches in other departments of the University in place of the branches in the curriculum. They also have the privilege of taking additional work without extra charge, with the exception of private instruction in music, etc.

Junior Year.

First Term.—Inorganic Chemistry, Experimental Chemistry, Arithmetical Chemistry, Botany I, Botany Laboratory, Elementary Latin.

SUCCESSION *Second Term.*—Inorganic Chemistry II, Arithmetical OF STUDIES Chemistry, Analytical Chemistry I, Botany II, Botany Laboratory, Pharmaceutical Latin.

Third Term.—Inorganic Chemistry III, Analytical Chemistry II. Physiology, Physiology Laboratory, Pharmaceutical Physics, Physics Laboratory, Commercial Pharmacy.

Senior Year.

First Term.—Inorganic Chemistry IV, Volumetric Analysis, Theoretical Pharmacy I, Operative Pharmacy I, Materia Medica and Pharmacognosy I, Arithmetical Pharmacy.

Second Term.—Organic Chemistry I, Physiological Chemistry, Theoretical Pharmacy II, Operative Pharmacy II, Materia Medica and Pharmacognosy II, Histological Pharmacognosy, Mineralogy.

Third Term.—Organic Chemistry II, Alkaloidal Analysis, Theoretical Pharmacy III, Materia Medica III, Dispensing, Commercial Pharmacy II, Bandaging and First Aid, Therapeutics and Toxicology, Pharmaceutical Jurisprudence.

The Pharmaceutical Chemist Course comprises two years of forty-eight weeks each, or ninety-six weeks. Since the demand for pharmacists of broad professional attainments is increasing with each passing year, this course has been arranged to furnish a more thorough training than could possibly be given in the Ph. G. course

of seventy-two weeks. Graduates of this course are exceptionally well prepared for all kinds of pharmaceutical and general chemical work. They are especially qualified for the different phases of analytical chemistry which will enable them to fill positions in pharmaceutical laboratories, food laboratories, and in various manufacturing establishments. On the other hand they have obtained, either one of the best foundations possible for a study of medicine, or the educational qualifications necessary to make them sought after as teachers of chemistry.

SUCCESSION OF STUDIES.

Junior Year.

First Term. Inorganic Chemistry, Experimental Chemistry, Arithmetical Chemistry, Botany I, Botany Laboratory, Elementary Latin, German.

Second Term. Inorganic Chemistry II, Arithmetical Chemistry, Analytical Chemistry I, Botany II, Botany Laboratory, Pharmaceutical Latin, German.

Third Term. Inorganic Chemistry III, Analytical Chemistry II, Physiology, Physiology Laboratory, Pharmaceutical Physics, Physics Laboratory, Commercial Pharmacy.

Fourth Term. Inorganic Chemistry IV, Industrial Chemistry, Volumetric Analysis, Water Analysis. Bacteriology, Bacteriology Laboratory, German.

Senior Year.

First Term. Advanced Analysis (including Gas, Ore and Cement, and Iron and Steel). Theoretical Pharmacy I, Operative Pharmacy I, Materia Medica and Pharmacognosy I, Arithmetical Pharmacy, German.

Second Term. Organic Chemistry I, Physiological Chemistry, Theoretical Pharmacy II, Operative Pharmacy II, Materia Medica and Pharmacognosy II, Histological Pharmacognosy, Mineralogy and Blowpipe Analysis.

Third Term. Organic Chemistry II, Alkaloidal Analysis, Theoretical Pharmacy III, Materia Medica III, Dispensing, Commercial Pharmacy II, Bandaging and First Aid. Therapeutics and Toxicology, Pharmaceutical Jurisprudence.

Fourth Term. Synthetic Organics. Foods and Food Analysis, Pharmaceutical Assay, Microscopy, Thesis.

The Post-Graduate Course comprises one year, of nine months. This course is made up of work from both of the other courses,

selected to meet the needs of each individual student. This does not imply that the student is to have *less* than a complete program for each day. He must select, or have selected for him as many hours work per day as are required of the regular pharmacy student.

This makes an excellent review for those who have been out of touch with school work for a time. Because of the fact that selection of subjects is made with regard to the needs of the student, it makes this course preparatory to board examinations. Non-registered pharmacists may avail themselves of this special course for reviewing those particular subjects in which they feel themselves least qualified, and they may enter any term in the year.

THE GRADUATE COURSE IN PHARMACY BY HOURS.

Branches	Lectures and Recitations Number of Hours	Laboratory and Drills Number of Hours
Chemistry—Inorganic	240	132
Chemistry—Analytical .....	.....	.....
(Qualitative and Quantitative) .....	.....	300
Chemistry—Organic	120	.....
Chemistry—Physiological .....	.....	60
Chemistry Alkaloidal Analysis .....	.....	60
Botany	120	120
Histological Pharmacognosy .....	.....	30
Pharmaceutical Physics	60	60
Pharmacy—Theoretical	180	36
Pharmacy—Operative .....	.....	240
Dispensing .....	.....	120
Materia Medica and Pharmacognosy	120	60
Physiology	60	36
Mineralogy	30	.....
Latin	120	.....
Therapeutics and Toxicology	24	.....
Commercial Pharmacy	85
Bandaging and First Aid	24
Pharmaceutical Jurisprudence	12
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Total.....	1,195	1,254

In addition to the above the Pharmaceutical Chemist Course presents:

Industrial Chemistry	36	.....
Water Analysis .....	.....	60
Bacteriology	60	60

German	240	.....
Gas Analysis		
Ore and Cement Analysis		120
Iron and Steel		
Blowpipe Analysis		60
Synthetic Organic Chemistry		120
Foods and Food Analysis		240
Pharmacopoeial Assaying		60
Microscopy		60
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Total.....	1,531	2,034

The Faculty consists of men of scientific attainment as well as having a wide range of experience in practical pharmacy. A number of members of the Faculty are either interested in a retail pharmacy establishment or have been at some former time. This assures those who attend this school of pharmacy that the practical side of their profession will not be overlooked.

The University is usually able to obtain situations for all graduates who do not find positions without its assistance.

The Department of Pharmacy, being located in a small city, is free from the influences which detract from a close attention to study upon the part of the student. Thus more ADVANTAGES can be accomplished in the same time than is accomplished where the student's time is divided between school work and outside employment and diversions.

It is not considered desirable for students to find employment in stores for any part of their time while pursuing the course.

The practical side of pharmacy is in no way underrated by the Department of Pharmacy, but it is to the student's best interest to give his undivided attention to his studies while taking the course. Certainly not more than one-half as much can be learned in a school of pharmacy where the time is equally divided between school work and store practice.

It must be understood that here instruction is given five days in the week throughout the entire nine months.

The living expenses in a small city are much lower than in a large city. This makes it possible to take the complete course at much less expense than would be incurred when taken in institutions differently situated. Students may enter at the beginning of any term, but it is earnestly recommended that in so far as possible entrance be made at the beginning of the school year in September..

The educational requirements for admission to the Graduate in Pharmacy Course is a certificate of having completed at least two years of a recognized high school course, or the equivalent determined by examination. Applicants for admission not able to meet the requirements may enter the Course under conditions. These conditions must be removed before entering upon the Senior year. It must be understood that no one is admitted as a candidate for a degree even under conditions unless he has had at least one year of high school or equivalent attainment after having had the full eight years of grade work or the equivalent. Advantage is offered during the pharmacy year of selecting from other departments those subjects required for removal of conditions without extra tuition. Also the added advantage is offered of the entire summer term interim between Junior and Senior years during which the student may remove any remaining conditions. The regular tuition of \$20.00 is charged for this extra term.

For the Pharmaceutical Chemist Course a certificate of graduation from a recognized high school offering a four years' course is required or the equivalent as shown by properly certified credentials.

For the Post-Graduate Course only those may enter as candidates for a degree who have had a Ph. G. course in this or some other recognized school of pharmacy.

For purposes of review work not leading to a degree, anyone may enter.

All applicants for admission to any of the courses must be of good moral character, and at least seventeen years of age.

Credentials must be presented at the time of entrance.

Candidates for graduation must have met the admission requirements, and must have completed all the subjects designated in the course of study with a mark of at least 80%, and with a record of attendance not falling below 80%. Examinations are given at the end of each twelve weeks upon the subjects covered during that term. There are also final examinations in Chemistry, Materia Medica, and Pharmacy which are obligatory, 80% being the minimum passing mark.

Credits will be accepted from other institutions where the admission requirements and the character of the work are equivalent to that offered by this Institution. Anyone who receives a degree in any of the courses in pharmacy must have attended the full Senior year in this University.

The degree of Graduate in Pharmacy will be given to those completing the seventy-two weeks course and also to those completing the thirty-six weeks Post-Graduate Course who were eligible for entrance for a degree.

The degree of Pharmaceutical Chemist will be given to those completing the ninety-six weeks course.

The University fees are payable each term in advance. Those who pay for the entire year are given a liberal reduction. The expenses in detail are as follows:

General Tuition, each term, 12 weeks.....	\$20.00
Tuition for Junior and Senior Years, Ph. G. Course, six terms, if paid in advance.....	100.00
Tuition for Junior or Senior year, three terms, if paid in advance	55.00
Experimental Chemical Laboratory fee, one term.....	2.50
Analytical Chemical Laboratory fee, two terms, each.....	4.00
Physical Laboratory fee, one term.....	2.50
Pharmaceutical Laboratory fee, two terms, each.....	6.00
Dispensing Laboratory fee, one term.....	7.00
Physiological Laboratory fee, one term.....	1.00
Botanical Laboratory fee, two terms, each.....	1.50
Physiological Chemical Laboratory fee, one term.....	2.50
Volumetric Chemical Laboratory fee, one term.....	3.50
Mineralogy fee, one term.....	1.00
Alkaloidal Chemical Laboratory fee, one term.....	3.50
Histological Laboratory fee, one term.....	1.00
Tuition for Junior and Senior Years, Ph. C. Course, eight terms, if paid in advance.....	125.00
Bacteriological Laboratory fee, one term.....	2.50
Water Analysis fee, one term.....	2.50
Advanced Analysis (Gas, Ore and Iron) fee, one term.....	4.00
Synthetic Organics fee, one term.....	7.50
Food Analysis fee, one term.....	12.00
Pharmacopoeial Assaying fee, one term.....	3.50
Microscopy fee, one term.....	2.00
Blow-Pipe Analysis fee, one term.....	2.00

In case a student takes advantage of the liberal reduction mentioned above and later decides to withdraw from the University, all fees are returned excepting for the preceding and current terms. It is to be understood that regular term rates are charged for the time in school including that term in which he withdraws. Thus

no one is obliged to continue work in this Institution if he is dissatisfied.

Students who enter upon any course in Pharmacy have the privilege of taking other studies in the University without additional cost. There are always many students each year who avail themselves of this opportunity to improve in some special branch.

For further information address,

DEPARTMENT OF PHARMACY, VALPARAISO UNIVERSITY,
Valparaiso, Indiana.

DEPARTMENT OF MEDICINE.

Those desiring further information concerning this Department should address the University for the Annual Announcement of the Department of Medicine.

The Department of Medicine was established by the University in 1901. Great care was taken in the organization of the department with the end in view of maintaining a high standard of medical education. One of the difficulties to overcome in the establishment of this department was to have the necessary advantage of clinical material for teaching. The University being situated so near Chicago, it was decided to locate the clinical department there, where clinical material is always available and where physicians who are devoting their life work to some special branch of medicine might be secured as teachers. To this end the University acquired the building and equipment now known as the property of the Chicago College of Medicine and Surgery.

The government of the Department of Medicine is vested in a Board of Directors. The board is responsible for the financial conduct of the department, and, with a committee from the Faculty, is responsible for its educational interests and the discipline of the students.

The curriculum is so arranged that students in the Department of Medicine may complete the Freshman and Sophomore years by doing resident work at Valparaiso, and the Junior and Senior years in Chicago, or the full four years' course may be taken in Chicago, thus accommodating those who may from choice prefer living in a large city.

Owing to the fact that all students of the Department of Medicine are required to finish the course in Chicago, this department operates under the laws of the state of Illinois and complies with all the requirements of the Illinois State Board of Health concerning registration and graduation of students.

The buildings for teaching medicine are located in Valparaiso and Chicago. All are modern and are equipped with the latest apparatus and appliances for instruction in the various medical branches.

BUILDINGS

AND EQUIPMENT The new medical building at Valparaiso is fully equipped for the presentation of the subjects required in the Freshman and Sophomore years in Medicine and Surgery. The building contains, on the first floor, the biological laboratory and the laboratory for physiology, the supply rooms for

these laboratories, and in addition, private rooms for the instructors. Both laboratories are well equipped with all the improved apparatus needed in this work. On the second floor are located the histological, pathological and bacteriological laboratories, fully equipped with microscopes of approved types, apparatus, sterilizers, incubators, microtomes, and everything needful to the best methods of study as applied to these subjects. The main lecture room is found on this floor. A lantern with opaque attachment and projection microscope, is used to illustrate lectures and recitations. Between the laboratories and lecture rooms are private rooms and offices of the instructors. The third floor contains a large, well-lighted and ventilated dissecting room, the bone room, private rooms and recitation rooms. The building is steam-heated and lighted by electricity.

This department secures an abundance of material for human dissection through the state anatomical association.

In Science Hall, adjoining the Medical building, are the lecture rooms in chemistry, pharmacy, and materia medica. This building contains the chemical, pharmaceutical and materia medica laboratories, also the special laboratory for work in physiological chemistry, toxicology, and urinary analysis.

The Department buildings in Chicago are located on Lincoln street, directly opposite and west of the Cook County Hospital. The location is in the midst of the greatest hospital and medical district in the United States.

The main Medical Building and Free Dispensary is a well-lighted, steam-heated, four-story and basement structure, with a frontage of 100 feet on Lincoln street. There are in this building two large amphitheaters seated with modern opera chairs, two recitation rooms, a pathological laboratory, histological laboratory, bone laboratory, clinical laboratory, retiring rooms for both ladies and gentlemen, and numerous clinic rooms. Students are provided with either wooden or steel lockers for their individual use. These are located in the basement floor of the building and are sufficient in number to accommodate all students of the Department. The main building which is used exclusively for teaching purposes, has a total floor space of about 30,000 square feet.

The Frances Willard Hospital adjoins the main building on the south and is connected with the lower amphitheater of the Department by a steel corridor across the alley. This is, HOSPITALS without doubt, one of the most complete and beautiful hospitals in the United States. It is built of Roman raindrop, pressed brick with stone trimmings and cost nearly \$100,000.

In this hospital there are two amphitheatres for use of the University students in the department of surgery. There is also in this hospital one of the best equipped X-ray laboratories in the West. This hospital is an indispensable aid in the clinical teaching of the Department and extends to students of the Department of Medicine many privileges and courtesies which are appreciated by all who are in the Junior and Senior classes. The attending staff of this hospital is composed mainly of members of the Faculty of the Department of Medicine. This insures a great deal of clinical instruction to students.

The Cook County Hospital is situated directly opposite the Department of Medicine. This is one of the best equipped hospitals in the country. It has medical, surgical and obstetrical wards, also a clinical amphitheater with a seating capacity of six hundred. The detention hospital and the hospital for contagious diseases are adjacent to the Cook County Hospital. Clinical lectures are delivered each week in this hospital, embracing surgery, practical medicine, gynecology, ophthalmology and otology. It can be easily understood that a hospital having a daily average of between seven and eight hundred patients affords an excellent opportunity for the study of not only general diseases, but rare and interesting cases. The majority of accident and other surgical cases are taken directly to such an institution.

Autopsies with lectures and demonstrations are held every Wednesday at 8 o'clock a. m. by the pathologist. Also Saturday afternoons.

Several members of the Faculty of the Department of Medicine are on the attending staff of the Cook County Hospital.

The University offers the regular course in medicine leading to the Degree of Doctor of Medicine, comprising eight months' work each year for five years. The complete course is
 COURSES OF so arranged that the more elementary and funda-
 INSTRUCTION mental subjects are presented first and the more
 advanced later and in logical order. The arrange-
 ment of the subjects in the five years is as follows, the Faculty reserving the right to change this schedule whenever it appears advisable: .

Pre-Medical Year.

Chemistry, Physics, Biology, German or French.

Freshman Year.

Anatomy, Histology, Physiology, Medical Chemistry, Materia Medica, Pharmacy.

Sophomore Year.

Anatomy, Pathology, Bacteriology, Materia Medica, Physiological Chemistry, Minor Surgery, Embryology, Physical Diagnosis.

Junior Year.

Medicine, Surgery, Toxicology, Therapeutics, Pediatrics, Neurology, Genito-Urinary Diseases and Gynecology, Obstetrics, Pathology, Dietetics.

Senior Year.

Medicine, Surgery, Toxicology, Gynecology, Obstetrics, Ophthalmology and Otology, Dermatology and Venereal Diseases, Therapeutics, Clinical Pathology, Pediatrics, Diseases of the Chest, Throat and Nose, Neurology, Medical Jurisprudence, Dental Surgery, Hygiene and Sanitary Science.

The University has now provided a combined course where both a literary and medical degree may be obtained upon the completion of a six-year course. Those who can afford it will find this course to be COMBINED COLLEGIATE AND MEDICAL COURSE advantageous inasmuch as there is not only prestige in the possession of a literary degree, but a sharpening of the intellect is acquired in pursuing literary branches, which enables one to profit more in the pursuit of medical branches. Medicine, properly considered, is one of the learned professions. One of the elements of a successful physician of today is to show evidence of culture and refinement in connection with his knowledge of medical science. A literary course develops along this line.

For these reasons, many high grade medical schools urge, and some require, a collegiate course preliminary to the study of medicine. However, the requirements of four years of college study preliminary to the study of medicine often becomes a hardship on students and many cannot afford it. Therefore, this University does not require such an extensive course as a prerequisite, but strongly urges all students who can afford it to take advantage of the combined literary and medical course.

This course covers a period of six college years. The first two years are spent in the department of Arts and Sciences of the University, at the end of which students may matriculate in the Department of Medicine and continue for four college years thereafter. The first two years of the medical course, with the exception of one or two branches, are counted as the last two years of the literary course. By attending the summer term in the department

of Arts and Sciences, the time from beginning to completion may be shortened. Considerable latitude is allowed in the selection of branches from the literary course. However, a minimum of 2,000 hours is required in literary branches. Further information may be obtained concerning this course upon application.

The Faculty consists of men not only of ability to teach the various branches which have been assigned to them, but who have achieved reputation as instructors and practitioners of the branches they teach.

THE FACULTY If there is one thing above another which distinguishes this Institution from others it is in the teaching ability of its Faculty.

The clinical advantages of this Institution are known to all graduates of the Department of Medicine. This is one of the features in which the University can give the most satisfactory instruction. The high standing of the instructors and their connection with the numerous hospitals of the city are factors in securing for the Department of Medicine the increased clinical facilities which it possesses.

There is no free dispensary in any medical school that receives more attention than the dispensary of the Department of Medicine. Students are given the opportunity of seeing and examining for themselves a large number of clinic patients each year. Graduates of other schools frequently come to this Institution for another year on account of the clinical facilities.

An applicant for admission to the Department of Medicine must fulfill the following requirements:

REQUIREMENTS *First*—He must present creditable certificates of good moral character, signed by two physicians of good standing in the state in which he last resided.

FOR ADMISSION *Second*—He must present credentials showing that he is a graduate of an approved high school, academy, college, normal school, or university, or,

He must show evidence of having passed the entrance examination into a college or university whose entrance requirements are equivalent to graduation from an approved high school; or,

He must present a certificate showing that he has passed the examination for entrance into a recognized medical college whose entrance requirements are equivalent to the requirements of the Department of Medicine of Valparaiso University; or,

He must present documentary evidence, signed by the principal of a regularly organized high school, or by the examiner of a recognized literary or scientific college or university, or by the State Superintendent of Public Instruction, or a Superintendent of Public Schools, of having successfully passed an examination in all the several branches embraced in the curriculum of a four years' high school course.

Third—Candidates who cannot present the required credentials must pass an examination in the following subjects: English Grammar, Rhetoric, Physics, History, Civics, Geography, Algebra, Geometry, Latin, German or French, Botany, Zoology and Chemistry, 15 units.

In addition to the completion of a high school course, or a satisfactory equivalent, the applicant must have completed one year of college work in Chemistry, Physics, Biology, and German or French. High school graduates, or those with the equivalent, may enter the five year course, the first year completing the year of college work indicated above. We designate this as the Pre-Medical Year.

Those who are not prepared to pass the entrance examination should address the University for information as to what course to pursue. The literary department of the University offers a course well adapted for the purpose of preparing those who are not qualified to enter the Department of Medicine.

Nearly all State Boards of Health now require that a candidate for registration to practice medicine must present documentary evidence of his preliminary education together with his medical diploma for eligibility to take the examination.

The University reserves the right to increase these entrance requirements to conform to new requirements that the various State Boards of Health may make from time to time.

The candidate for the Degree of Doctor of Medicine must be twenty-one years of age and of good moral character. His conduct during his connection with the University

REQUIREMENTS will also be taken into consideration.
FOR GRADUATION He must have pursued the study of medicine for at least four years of eight months each.

He must have attended four full courses of lectures at some reputable college, no two having been delivered during the same calendar year. The last two must be at this University.

He must have pursued the study of practical anatomy during two years under the direction of a demonstrator and to the extent of having dissected at least a lateral half of the body.

He must have received clinical instruction during two college years.

He must have completed all the laboratory courses.

He must have passed satisfactory examinations in all the required branches of the curriculum.

He must have paid all required University fees.

He must furnish the Secretary with satisfactory evidence of having complied with the above requirements.

Each student is required upon registering to pay a matriculation fee of \$5.00. This is payable but once during the entire course of four years.

FEES AND EXPENSES A liberal reduction will be made for the payment of fees in advance for a period of more than one year, but all fees thus advanced will be refunded except for the current year. Thus, no one is obliged to remain in the Department of Medicine longer than one year unless he is entirely satisfied.

The fees are exceptionally low, considering the high standing of the Institution, and the excellence of the work. No medical school in this country, whether State or private, offers the same class of instruction at less expense.

Those who may need some assistance to defray a part or all of the expenses incurred while attending the course in medicine should state their needs when applying for admission.

Pre-Medical Year.

Tuition	\$ 75.00
Laboratory Fees	25.00

Freshman Year.

Matriculation Fee	\$ 5.00
Tuition	125.00
Laboratory Fees	25.00

Sophomore.

Tuition	125.00
Laboratory Fees	25.00

Book List Subject to Change: Anatomy—Cunningham, Piersol; Histology—Bailey, DeWitt, Piersol, Ferguson; Physiology—Howell; Chemistry—Holland; Materia Medica—Wilcox; Pathology—Delafield and Prudden, MacFarland; Chemical Pathology—Wells; Bacteriology—Jordan; Minor Surgery—Wharton; Physical Diagnosis—Butler, Slade; Embryology—Heisler, Bailey and Miller.

For further information, address,

DEPARTMENT OF MEDICINE, VALPARAISO UNIVERSITY,
Valparaiso, Indiana.

DEPARTMENT OF DENTISTRY.

Those desiring further information concerning this Department should address the University for the Annual Announcement of the Department of Dentistry.

The Department of Dentistry has recently been added to the University. The requirements for dental educational equipment are so different from those of other schools that for many years this branch was omitted as a regular department.

One of the potent factors necessary for the teaching of dentistry is to be able to supply a sufficient quantity of clinical material. This can only be done in a large city of metropolitan character, from which this material can be obtained.

For several years the influence of the University has been toward the Chicago College of Dental Surgery, of Chicago. The relations between this college and the University have been such as to establish a natural affiliation which is to the advantage of both the College of Dentistry and the University.

The high standard of excellence for which this college is known throughout the world will be maintained and those who have been responsible for its success in the past will continue to direct the policy of the Department.

The Department of Dentistry occupies its own building at the corner of Harrison and Wood streets, in Chicago. The building is a five-story and basement structure of Bedford stone, pressed brick and terra cotta. Its location is ideal, standing in the center of the great medical and hospital district of Chicago.

Students are thus, from the very beginning of their course, brought into close contact with not only the professional teachings of the Department of Dentistry, but the atmosphere of student life which permeates the entire locality. The building is heated from its own steam plant and lighted with electricity from its own power plant.

There are in this building two amphitheatres for general teaching purposes and a clinical amphitheater for teaching oral surgery. There are also numerous laboratories for teaching the science and art of dentistry.

A library is maintained by this Department as a separate and distinct feature of the Institution. The library is free to all students of the department. In this library are the leading medical and dental journals and also many valuable text and reference books.

upon various subjects of dentistry. The library is in charge of an experienced librarian.

The regular opening of each college session is the first Wednesday in October of each calendar year.

Students must enter this Department at this time,

COURSES OF or not later than ten days thereafter.

INSTRUCTION The complete course consists at present of three years of thirty-two weeks each. The curriculum is arranged as follows:

Freshman year: Dental Chemistry, General Anatomy, Dental Anatomy, Physiology, Materia Medica, Histology, Operative Prosthetics, Technics.

Junior year: Anatomy, Physiology, Chemistry, General Pathology and Bacteriology, Comparative Dental Anatomy, Crown and Bridge Work, Infirmary Practice, instruction in regulating appliances, Splints and all kinds of plate work.

Senior year: Oral Surgery, Therapeutics, Operative and Prosthetic Dentistry, Dental Pathology, Orthodontia, Physical Diagnosis, Dental Jurisprudence, and Clinics.

Among the faculty of the Department of Dentistry are many men of national and international reputation as practitioners and dental educators. Some have achieved fame as authors
FACULTY of text books on the important branches of dentistry, while others have won for themselves the distinction of having excelled in some particular branch of dental surgery or dental art.

The graduates of this Department are found in almost every city throughout the world. The Institution has always taken pride in the fact that its alumni has in it so many prominent members that are now holding responsible positions in the profession.

The Department of Dentistry is one of the colleges which is recognized by the National Association of Dental College Faculties and adheres faithfully to the code of rules of
REQUIREMENTS this association concerning requirements for
FOR ADMISSION admission into dental colleges.

At present the minimum requirement is a certificate of evidence that the applicant has completed the regular four years' course of a high school or the equivalent to this in a literary college or academy. Those who do not have a diploma or documentary evidence of having completed a high school course may take an examination upon the subjects embraced in a high school curriculum.

Those who may be in doubt about the preliminary qualifications should write, stating the extent of the preparatory work completed. The University will then be able to inform you if further preparation is necessary.

The candidate for graduation must be twenty-one years of age and must possess a good moral character, including good deportment while attending the Department of Dentistry.

REQUIREMENTS

FOR GRADUATION Students are required to attend before graduation three full courses of lectures, the last of which must be in this Institution. Every candidate must present for inspection practical operations performed by himself in the Department and give full evidence of his skill and ability in treating patients that may be submitted to him.

He must also stand an examination satisfactory to the Faculty in all the branches taught. The report of the attendance and practice of students in the infirmary will be considered and will have a material bearing upon the final standing and credits.

The Department fees have, by agreement with most of the recognized colleges of dentistry, been fixed at the uniform fee of \$150.00 for the general tuition, including all laboratory fees.

FEES AND EXPENSES

The registration fee for each year has been fixed at \$5.00. Thus the fees in the Department of Dentistry are no higher than in any other college.

The fees need not necessarily all be paid in advance.

Living expenses in Chicago may be reduced considerably by taking advantage of boarding in clubs. Table board may be secured as low as \$2.50 per week. There are many places where room with board can be obtained at an expense of from \$3.00 to \$4.50 per week.

Those who desire to economize can find positions which they can fill without taking time from their college work and thus earn sufficient to pay for board and room. Those desiring some assistance to defray a part or all of their living expenses should confer with the college clerk upon arriving at the Institution.

For further information, address,

DEPARTMENT OF DENTISTRY, VALPARAISO UNIVERSITY,
Valparaiso, Indiana.

DEPARTMENT OF COMMERCE.

It has been the aim of this Department to give the greatest possible amount of practical knowledge in the shortest time and at the least expense.

In perfecting the Department, the advice of the best business men, from all of the large cities in the United States has been obtained and as a consequence everything unnecessary has been eliminated, the useful only retained, so that now the University offers work in the Department of Commerce which can be accomplished in from twenty-four to thirty-six weeks.

The work is conducted on the *Actual Business Plan*, which is everywhere admitted to be the nearest to real work.

Though the accommodations for this Department have from time to time been increased until now it occupies its large and commodious rooms, yet it has grown so rapidly that it is found necessary to open up another large hall, which is supplied with a complete line of offices. This gives the Department four sets of offices, and correspondingly increases facilities for thoroughness.

The common saying, "No matter if you have completed a Commercial course at college you will be obliged to learn it over before you can keep books," does not apply to the work here, as will be attested at any time by the most successful business men in all the large cities where graduates of the University are employed.

The Department is thoroughly equipped with a very extensive line of offices the value of which will be appreciated by every business man.

These different sets of offices represent different cities, and the work is transacted the same as it is in actual business, thus preparing the student to take a position in the bank or counting house or store of today, without further preparation, and to enter at once upon his duties. He has had the *practice* as well as the *theory*.

An idea of its completeness may be had by a brief outline of the work to be done. The student enters the elementary or theoretical course. Here he becomes familiar with making Day-Book and Journal entry, opening and closing the Ledger in both Single and Double Entry; with all forms of Inventories, Bills, Discounts, etc.; with the books and forms as used in Commission and Shipping, Partnership, Banking, Steamboating and Railroadings. Commercial Arithmetic, Commercial Law, Commercial Correspondence, English Grammar and Debating.

After completing this work the student enters the Practical Course. Here he is furnished with *manuscript work*. All the work is inspected by the instructor in charge and nothing permitted to pass that is not *perfect in every respect*. In this course the student passes into the following offices remaining long enough in each to become thoroughly acquainted with its actual work.

The work in each succeeding office logically fits into the work of the preceding office and advancement is as rapid as ability warrants.

REAL ESTATE OFFICE.

In this he buys and sells real estate; takes notes; makes out deeds and mortgages; closes mortgages; has the property sold, and performs all business connected with real estate.

INSURANCE OFFICE.

Here he organizes a company; insures property; pays losses; declares dividends; and enters in detail into the technicalities of the law governing such a company.

COMMISSION HOUSE.

Here he receives invoices, consignments and shipments; buys and sells on commission; makes statements, and performs all the duties as found in this house.

TRANSPORTATION AND SHIPPING OFFICE.

Here he makes out bills of lading; enters into contracts, and becomes responsible for goods shipped; delivers goods at foreign ports, etc.

JOBGING AND IMPORTING OFFICE.

Here merchandise is bought and sold for cash, on time, for notes, etc. The purchaser may fail; an invoice is taken; the store closed; the accounts settled at fifty cents on the dollars, etc.

MERCHANTS EMPORIUM.

Here all articles of trade are bought and sold, either in large or small quantities, the goods billed and entered in the proper books, drafts drawn or accepted, payments made, etc.

RAILROAD OFFICE.

Here Railroad Book-keeping in all its forms is fully illustrated, from the organization of the company to the declaring of its dividends. From this to the Freight Office, then to the Express Office, and then to the Postoffice, in each of which all of the business connected therewith is fully illustrated.

BANK.

Here one of the most complete Banking systems found at any commercial college is in use. There being four Banks, the settle-

ments are made through the Clearing House which is conducted on the same plan as in large cities. This gives the student a thorough knowledge of exchange, and business principles.

Here the student performs consecutively the duties of Receiving and Paying Teller, Discount Clerk, Cashier, Bookkeeper and Collection Clerk; deals in Gold Certificates, U. S. Bonds, City Bonds, Foreign Exchange; discounts Commercial Paper, receives Drafts; and does a general Banking Business.

Upon entering the Practical Course a fee of \$5.00 is charged. This fee includes graduation.

COMMERCIAL LAW.

The work in this subject includes a thorough discussion of all principles of contracts, partnerships, agency, corporations, etc., in fact, all the law points with which a business man should be acquainted.

The student acts as Notary Public in preparing a budget of papers necessary for the appointment of guardians, executors, commissioners, for sale of real estate, partition of estate, etc. These papers are complete from the time of appointment to the closing or final report of the estate.

BOOKKEEPING.

The work in Bookkeeping also includes an examination of books and accounts with the view of detecting defalcations, errors or misapplication of funds; also the different plans of auditing and examining books. In fact, just such work is given as will prepare the student for a position as expert accountant.

PENMANSHIP.

A course in Plain and Business Penmanship is required in this department and is given without extra charge. This fact is mentioned because at so many commercial schools there is an extra tuition for this course.

In addition to the regular course in Penmanship which is required in the Department of Commerce and for which there is no extra charge, there is a special course designed for those who desire advanced work in this subject.

This special course embraces Plain Writing, Analysis, Black-board Writing, Fancy Writing, Combinations, Card Writing, Flourishing and Lettering, Designing, Specimen Work, preparing Pen Work for Photograph-Engraving, etc. The work is in charge of a specialist, who gives his entire time to this subject. Should the student desire to give his entire time to this work he can be with the instructor six hours each day.

For this special course a fee of \$2.50 is charged.

DEPARTMENT OF PHONOGRAPHY AND TYPE- WRITING.

The value of a knowledge of shorthand and typewriting is universally conceded and there is no longer any necessity to set forth the advantages of the art to any person of whatever profession or occupation. So important has this work become that it is now considered an indispensable part of a business education; and the young man or young woman who neglects the opportunity of thoroughly mastering shorthand will find himself distanced in the business world by those who did not fail to master the art in their younger days.

This Department makes a specialty of preparing young men and women for private secretaries, and young men for stenographers in the various departments of the United States Government. Examinations for these positions are held two or three times a year in Valparaiso.

The U. S. Civil Service Commission says:

"The Commission has been unable to supply the demand for Male stenographers and typewriters, especially at Washington, D. C. Young men who are willing to accept appointment at an entrance salary of \$840 to \$900 per annum have excellent opportunities of appointment. Advancement of capable appointees is reasonably rapid. The Government service offers a desirable field to bright and ambitious young men."

To those who are able to do so it is earnestly urged that the Commercial Course be taken in connection with the work offered in this department. This can be done without extra charge and it is believed one's opportunities for securing a position are greatly increased, as many business men who are not able to employ two persons, are able to employ one who can act both as bookkeeper and amanuensis.

Four terms are usually required to complete the work offered in Phonography and Typewriting. However, one can become competent for a position in office work in thirty-six weeks.

The following plan of study is suggested for those desiring to complete the Phonography and Typewriting course:

1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Shorthand	Shorthand	Shorthand	Shorthand
Typewriting	Typewriting	Typewriting	Typewriting
Grammar	Reading-Spelling	Rhetoric I	Rhetoric II
Penmanship	Letter Writing	Debating	Com. Arith.
	Debating	Parliamentary Law	

Any young man or woman who has patience, perseverance, a desire to learn and a determination to succeed, may become a good stenographer. There is no mystery about short-PHONOGRAPHY hand. It can be readily learned under the instruction of competent and experienced teachers. The teachers in charge of this Department have given many years of careful attention to the subject, both in teaching and as court reporters. So thorough and practical is the work that many of the large commercial and manufacturing industries of Chicago and other places have standing offers to take graduates of this Department.

A good English education is a pre-requisite to a good and competent shorthand writer. He should be good in English grammar and rhetoric. The classes are so graded that students may enter at any time and those who have previously studied the art may continue without interruption from the point already attained.

The pupils receive instruction in dictation of all kinds and classes of business letters, such as railroading in all departments, dry goods, furniture, mail order houses, printing, hardware, insurance, real estate, law, manufacturing, etc.

A special course of study is offered those desiring to become shorthand teachers and court reporters. The teacher does not tell how it should be done, but does it himself and this is a great incentive to the pupil. For court reporting the pupil should devote four or five terms to shorthand and auxiliary studies.

The typewriter is one of the best means of teaching spelling, capitalization, punctuation, and composition. Moreover, so great is the demand for shorthand writers who can operate a typewriter that the boy or girl who learns both is possessed of a valuable trade or profession. Charles Reade, in his work on "The Coming Man," says:

"I advise parents to have all their boys and girls taught shorthand and typewriting. A shorthand writer who can typewrite his notes would be safer from poverty than a great Greek scholar."

Machines of the most recent pattern are used and always kept in excellent repair. The Touch System of Typewriting is taught.

A fee of \$2.50 is charged for the use of the typewriter on which to practice. This fee entitles the student to two hours use of a typewriter daily for twelve weeks. Additional hours cost \$1.25 per hour.

Texts: Pitman's Revised Manual of Phonography; Dement's Reporter, and Dement's Universal Dictation Book.

EXPENSES.

The tuition is \$20 per quarter of twelve weeks or \$65 if paid in advance for the entire year of forty-eight weeks. This TUITION includes the work in all of the departments excepting Law, Medicine, Dentistry, Music and Art, and private lessons in Penmanship and Elocution.

When, however, the full tuition (\$80) is paid for the year in advance, Art and private lessons in Penmanship are included, so that in fact, the one tuition pays for everything excepting Law, Dentistry, Medicine and Music.

The expenses connected with the above exceptions may be found on the following pages.

Law	Pages 126-134
Medicine	Pages 143-149
Dentistry	Pages 150-152
Music	Pages 84-91
Art	Pages 92-96

Private lessons in Penmanship cost \$2.50 per quarter of twelve weeks and private lessons in Elocution cost \$1.00 per lesson.

When tuition for the year has been paid and the student is obliged to leave, all tuition excepting for his term then in progress is refunded. Tuition for a broken term is not refunded.

The University maintains three grades of board: \$20.00 per quarter of twelve weeks, \$23.00 per quarter and \$26.00 per quarter.

The first named is payable only by the quarter, but BOARDING the last two may be paid by the week. When paid by the week the price is \$2.50 per week, payable in advance. Rooms may be had for \$6.00 to \$15.00 per quarter. Excepting in the University Dormitories room rent is payable only by the quarter. The University makes an additional charge of 25 cents per week when its rooms are rented by the week.

From the above it will thus be seen that the following rates prevail:

Board, tuition, and furnished room for one quarter, (12 weeks) \$46.00 to \$61.00.

Board, tuition, and furnished room for three quarters, (36 weeks) the usual school year, if paid in advance, \$133.00 to \$184.00.

Board, tuition, and furnished room for four quarters, (48 weeks) if paid in advance, \$169.00 to \$229.00.

These amounts include, board, tuition, and a well furnished room. The difference in the rates is somewhat in the board as well as in the room. At the lowest rate two students have a single room and wardrobe. This room is furnished the same as the other rooms, and the student has an abundance of well prepared food.

At the higher rates there is a greater variety in the food. Two students have a suite of rooms; that is, a study room, bed room and wardrobe. They have hot and cold water in their room and the privilege of the bath.

The student pays for his heat, light, laundry and books. The laundry work for the rooms is done by the University. Should he take care of his own fire, heat per year will cost about \$9. If he has steam heat the expense per year will be \$15. Light need not exceed \$3 per year. Laundry can be done at from 30c to 50c per dozen articles. In all of the dormitories there are laundry facilities where students may do their own laundering at practically no expense.

Students are advised to bring enough money to pay their expenses for at least one quarter of twelve weeks.

All books that are used more than one term in the year may be rented at a small per cent. of retail price, thus saving
BOOKS what is usually a great expense.

On reaching the city, come directly to the President's office which will be found in the University building. Here all necessary information will be given with reference to studies, classes, rooms, boarding, etc.
WHAT TO DO ON ARRIVING
AT VALPARAISO

Students are advised to make no contracts for rooms until the University office has been consulted.

The fare from any of the railroads to the University office is twenty-five cents. Trunk checks should be retained until rooms are selected. Trunks are delivered from any station at the rate of twenty-five cents per trunk.

By adhering to these suggestions much time and annoyance may be saved the student.

The question, "How can these low rates be sustained?" is often asked. There are several reasons for this.

THE LOW COST OF LIVING This reduction in expense is made possible because so many new rooms have been erected that now much more satisfactory accommodations may be had than heretofore, at greatly reduced rates.

The large attendance enables the Institution to purchase in large quantities.

The University is located so near Chicago, the best market in the world, that the very best rates for provisions may be had.

This department is supplied with modern appliances for preparing food in the most satisfactory manner.

The important reason, however, is in the fact that the Vice President of the University, who has given the subject of Dietary many years of careful study, gives this department his personal attention.

After visiting Valparaiso University, Dr. A. E. Winship, editor of the New England Journal of Education, says that he is familiar with the dining rooms of nearly one hundred colleges and that he speaks advisedly when he says that Valparaiso University furnishes as good living at \$1.40 a week as where \$3.50 is charged at other places.

Mrs. Helen H. Richards, an authority on the best dietary, after making a thorough examination of the boarding department of nearly every college in this country, said the same thing, so that students are certain to have very comfortable accommodations and an abundance of well prepared food at the low rates mentioned.

No other institution that attempts to care for its students affords anything like equal accommodations at anything near as low rates, because no other institution has made such extensive investments in equipping its boarding department, without which the low rates could not be sustained.

Quite a detailed explanation of the boarding arrangements has been given, because it is desired that the public should know what is done here to reduce the expense of students and yet give them excellent accommodations.

In the dormitories for women the rooms are single or in suites.

The single rooms are sufficiently large to accommodate two students. A suite of rooms usually consists of a sitting room, a bed room and a wardrobe, and is occupied by two students.

All these rooms, whether single or in suites, are furnished with bed, bedding, chairs, table, rugs, etc., in fact, everything necessary to the comfort of the student.

Each dormitory is in charge of an experienced matron who lives in the building and gives her entire time to the young women in her care. Every want is supplied. The entire arrangement is such as to make a pleasant home for those who come here.

The dormitories for men are arranged and furnished the same and have the same care as those for women.

In addition to all these, there are ample accommodations in private families at the same rates as in the dormitories, so that students may be accommodated with just the kind of rooms desired and yet at the lowest rates.

All remittances should be made by draft, postal money order or express money order. *Please do not use personal checks.* There is always delay in collection, besides there is always cost for the same.

REGISTER OF STUDENTS

PREPARATORY DEPARTMENT.

Acosta, Jose A..Cuba, West Indies	Blanski, Andrew I.....Cook, Ill.
Acosta, Jeronimo.....	Biderman, Stanley.....Cook, Ill.
.....Cuba, West Indies	Biderman, Peter.....Cook, Ill.
Adomaitis, P. W.....Cook, Ill.	Bitant, William.....Cook, Ill.
Aidman, Henrietta.....	Bittman, Alice L...Dickey, N. D.
.....New York, N. Y.	Blachourak, John.....Cook, Ill.
Aiken, Bertram.....Hawaiian Is.	Blackwell, Sidney...Oregon, Mo.
Alarcon, Frank...Spain, Europe	Blanchard, Stephen.....Cook, Ill.
Alderson, Anthony.....Cook, Ill.	Bonnstetter, Martin.Palo Alto, Ia.
Allen, Walter S.....Fayette, Pa.	Borguding, Herman W.....
Alvarez, Thomas..Cent. America	.....Muskegon, Mich.
Ambuehl, Geo.....Fayette, Ill.	Borggren, John...Kankakee, Ill.
Anderson, Rubie..Franklin, Miss.	Bowers, Beatrice...DeKalb, Ind.
Anderson, Samuel M. LaPorte, Ind.	Bowling, Raymond...Scott, Iowa
Anderson, Severin.....Cook, Ill.	Brand, Frederick.....
Angel, Ray.....St. Louis, Mo.	.....Philadelphia, Pa.
Anver, Fuad.....Russia, Europe	Brasted, Elie.....
Arbocauskas, John.Newark, N. J.	.....Lake qua Porte, Minn.
Arfapo, Jacinto E....Philippines	Brezzano, John T.....
Athanasoff, Nichola....Bulgaria	.....New York, N. Y.
Ault, Ray.....Kankakee, Ill.	Brehm, John.....St. Louis, Mo.
Anzano, Ralph...Brooklyn, N. Y.	Breitbarth, A...Germany, Europe
Azeez, E.....Persia, Asia	Briant, Geo.....Carlton, Minn.
Bacco, Lucas C...Socarro, N. M.	Brinz, Ida.....Porter, Ind.
Bachman, Magdalen.....	Brody, Louis.....Indiana, Pa.
.....Franklin, Ark.	Brohaw, Harold S.Cayuga, N. Y.
Bahr, Benjamin N.....	Brookes, R...Schenectady, N. Y.
.....Schuylkill, Pa.	Brown, Grover...Whiteside, Ill.
Bonner, Adam.....Lake, Ind.	Bruns, Carl....Rock Island, Ill.
Borden, Robert..Shenandoah, Va.	Buckley, Royal P.....Day, S. D.
Barton, Toy.....Calloway, Ky.	Buntlinger, Melvin.....
Bashin, Stanley.....Cook, Ill.	.....St. Joseph, Ind.
Batterman.....Grey, Can.	Burton, Malcolm....Porter, Ind.
Baus, Walter E.....Marion, Ind.	Butler, J. R.....Philippines
Beasy, Maude.....White, Ind.	Byham, George....McKean, Pa.
Becker, Frank Jr....Carroll, Ill.	Cairns, James Morgan.....
Belttari, Eli...Houghton, Mich.	.....Westmoreland, Pa.
Bexton, E. M.....Lonoke, Ark.	Caldeira, Antono D...West Indies
Benz, H. L.....Mabridge, S. D.	Callahan, J. F....Ottawa, Mich.
Berglund, August.....Cook, Ill.	Camden, Harrison...Macon, Ill.
Berquist, Frank..McClean, N. D.	Carino, O. P.....Philippines
Berryman, Nettie.....Cook, Ill.	Carnero, Pedro.....Pinal, Ariz.
Bertash, Anna.....Bureau, Ill.	Carnow, A.....Cook, Ill.
Bettinger, Leona F.....	Cazsarova, Roman..Kenosha, Wis.
.....Milwaukee, Wis.	Cervantes, L. L...Laramie, Wyo.

- Chally, Alfred.....Herscher, Ill.
 Chancy, Joseph M..Allegheny, Pa.
 Crechulin, Victor ..Russia, Europe
 Chenoweth, R. M. Santa Clara, Cal.
 Cherry, Chas. K.....Kane, Ill.
 Chizmar, Thos.....Lake, Ind.
 Chorney, Steven.....Canada
 Choy, Ell.....China, Asia
 Christoff, John.....Bulgaria
 Cletcher, Harry L.....Pope, Ill.
 Corboy, Stephen E....Cook, Ill.
 Cotromanes, J. P.....
Washington, Okla.
 Cox, Hans...Rheinland, Germany
 Cox, J. H.....Dade, Ga.
 Crane, Rollin C.....
Santa Barbara, Cal.
 Cuff, Matthew S...Jefferson, N. Y.
 Curlanis, Thomas.....Cook, Ill.
 Curts, Maurice....Genesee, Mich.
 Cutler, Sam.....Suffolk, Mass.
 Daler, Dessie L..Hamilton, Tenn.
 Davidson, Frank W....Yale, Can.
 Davis, Lyle S....Garfield, Wash.
 Dean, Ben.....Lubbock, Tex.
 de Freitas, John T.....
Stanislans, Cal.
 De Peralta, Eustaquis.....
Philippines
 Deveikis, Geo.....Illinois
 Dey, Van Brunt..Waukesha, Wis.
 Dickholtz, Joe.....Cook, Ill.
 Dinehoff, John.....Cook, Ill.
 Downen, Emmett...Gallatin, Ill.
 Drozka, Walenty Litchfield, Conn.
 Druff, John F...Worcester, Mass.
 Duckworth, Paul E..Mahoning, O.
 Duft, Walter W.....Holt, Neb.
 Elliott, Warren W.....
Westmoreland, Pa.
 Ellman, Wolf...Milwaukee, Wis.
 Enebo, John A.....Cook, Ill.
 Engelman, Harry.Fairfield, Conn.
 Ernest, Clemens...Shelby, Ohio
 Erps, Benjamin.....
Yellowstone, Mont.
 Etzoff, Theo.....Vernon, Wis.
 Evanoff, Jhonko.....
Bulgaria, Europe
 Evans, Edwin H....Porter, Ind.
 Evanson, Rosella.....Cook, Ill.
 Ewers, Nancy E....Pierce, Wis.
 Fafara, Jacob F.....
Manchester, N. H.
 Farrell, Chauncy...Choffee, Col.
 Fauset, John R....Allegheny, Pa.
 Ferrell, John C.....Knox, Tenn.
 Ferris, John....Comanche, Okla.
 Fonseca, Manuel..South America
 Forman, Geo. Walters.....
Porter, Ind.
 Forsythe, Leo.....Shelby, Tenn.
 Fox, Maurice.....Allantoe, N. J.
 Francis, Mary.....Gallatin, Ill.
 Gabel, H. G.....Joliet, Ill.
 Galati, Frank.....Italy, Europe
 Gapshis, Peter.....Cook, Ill.
 Garcia, Ernesto, R.Oriente, Cuba
 Gent, Julian S....Baltimore, Md.
 Gershman, Fannie.....
New York, N. Y.
 Gershman, Alex. New York, N. Y.
 Gerunovich, Kisto....Lake, Ind.
 Gianulis, Mike.....Porter, Ind.
 Girkontos, J. F..Vermillion, Ill.
 Gluska, Mary.....Cook, Ill.
 Gordon, Jesse E..Nodowoy, Mo.
 Gottwalles, Adolph G.....
Jennings, Ind.
 Graham, Frank..Henderson, Ill.
 Graham, Earl E....Rockton, Ill.
 Gran, Carl.....Kings, N. Y.
 Grassl, Otto....Menominee, Mich.
 Gravel, Lena.....Oak Park, Ill.
 Graves, J. P.....Portland, Ore.
 Greenberg, James...Porter, Ind.
 Griffey, E. W.....Shelby, Tenn.
 Griffith, Joseph N.....
Muskegore, Mich.
 Grimes, Charles A..Orange, Ind.
 Grondahl, Oscar.....
Hensiepink, Minn.
 Grygiene, Anton.....Cook, Ill.
 Gryniewicz, Ludwik...Cane, Ill.
 Gulanowski, John.....
Krahaw, Austria
 Gulbainitis, Aug..Williamson, Ill.
 Gertanawski, JawCanada
 Gutierrez, Fernando.....
Spain, Europe
 Haberstick, E. J....Du Page, Ill.
 Hadnot, B. D.....Grant, La.
 Hakala, Emilie....Alemoda, Cal.
 Haldane, R....New Onterio, Can.
 Hale, Donald.....Otero, Col.
 Hall, Fred C....Champaign, Ill.
 Hansen, Mrs. John A..Lake, Ind.
 Hansen, J. C.....Cook, Ill.
 Hansen, Peter..Denmark, Europe
 Harding, Samuel V..Marion, Ind.

- Harrington, Edward H.....
Gibson, Ind.
 Hayes, Frances....Woodford, Ill.
 Heckart, Michael Elton.....
Lawrence, Pa.
 Hedderich, Mabel L.....
La Crosse, Wis.
 Heikens, Minnie.....Clay, Ind.
 Heimlick, Hilda E...White, Ind.
 Heissig, Ida.....Putnam, N. Y.
 Helenius, H.....Cook, Ill.
 Hembroff, Mildred...Porter, Ind.
 Hendricks, Jules.....
Lawrence, S. D.
 Herman, Stanley.New York, N. Y.
 Herrick, Lane.....Porter, Ind.
 Hietala, Orvid...St. Louis, Minn.
 Hill, Emil.....St. Louis, Minn.
 Hofelt, John W...Westnida, Pa.
 Holbrook, Arthur M...Cook, Ill.
 Holpainen, Armas.....Canada
 Homfeld, Minnie.....Porter, Ind.
 Horn, Nellie.....Logan, Ill.
 Hosane, Abdul....Rasht, Persia
 Horine, Floyd...Montgomery, Md.
 Huddlestun, Ralph....Jasper, Ill.
 Hurless, Ralph N....Clinton, Ia.
 Hutchinson, Warren Cuyahoga, O.
 Hytinnen, T. L.....Porter, Ind.
 Ibarra, A.....Mexico, Mex.
 Inghram, John.....Greene, Pa.
 Iovoff, Zachary.Bulgaria, Europe
 Jacobs, John F....Bayfield, Wis.
 Jaffar, S. Khan.....Persia, Asia
 Jakubaitis, Thony..Essex, Mass.
 Jakubonis, Peter.....Cook, Ill.
 Janzito, Sandy..Marquette, Mich.
 Jaworski, Ignacy.....Cook, Ill.
 Jensen, Catherine M...Cook, Ill.
 Jesevise, Mitchell.Kenosha, Wis.
 Johnsen, Geo. C.....Cook, Ill.
 Johnson, Hanna.....Cook, Ill.
 Johnson, John E..Henepin, Minn.
 Jones, Thomas.Fond du Lac, Wis.
 Jones, Ralph..Pottawattamie, Ia.
 Jones, Thomas A...Somerset, Pa.
 Junarvis, Stephen E...Lake, Ind.
 Jylley, Ivar.....Alger, Mich.
 Kalazaik, C.....Cook, Ill.
 Kalinauskas, R....Rockford, Ill.
 Karageorgeff, Mincho.....
Bela, Bulgaria
 Kaulinas, John.....Bearon, Ill.
 Kazanjian, Yenook, K.....
New York, N. Y.
 Keegan, J. A.....Cook, Ill.
 Keener, Oris R.....Cass, Ind.
 Kells, Philip....New York, N. Y.
 Kenegy, John C...Stephenson, Ill.
 Khan, S. Hossein...Persia, Asia
 Kibort, Joseph A.....Cook, Ill.
 King, Laura.....Porter, Ind.
 Klassy, Ernest R..Madison, Wis.
 Kleiva, Joe.....Kenosha, Wis.
 Knowles, Claud..McLennan, Tex.
 Kolskowski, Walter.....
St. Louis, Minn.
 Korablinoff, Tom.....
Philadelphia, Pa.
 Korkonen, Martin.....
St. Louis, Minn.
 Korkonen, Albin....Tron, Minn.
 Korpi, John.....St. Louis, Minn.
 Korpi, Frank....Carlton, Minn.
 Kortz, Lee B....Webster, Iowa
 Kostrzewski, Walter...Cook, Ill.
 Kragerud, Mathew...Porter, Ind.
 Krost, Martha L....Clinton, Ill.
 Kruszynski, P. Paul.....
St. Joseph, Ind.
 Kuehle, Eberhard..Mitchell, Kas.
 Kursos, John...West Pullman, Ill.
 Kylmala, Laurie.Ottertail, Minn.
 La Bella, G.....Essex, N. J.
 Labovich, Irving E....Lake, Ind.
 Lann, W. A.....Snelby, Tenn.
 Lape, Chas.....Fayette, Ill.
 Larsen, Ernest J...La Salle, Ill.
 Larson, Olaf.....Alta, Can.
 Lawrence, Kacid....Porter, Ind.
 Layman, Steve C.....Cook, Ill.
 Lazovich, Charles New York, N. Y.
 Larber, Charles....Denver, Col.
 Lehti, Keusta.....Canada
 Lemq, Charles...St. Louis, Minn.
 Leino, Emil.....St. Louis, Minn.
 Lentz, J. N.....Porter, Ind.
 Lester, Wm. Anthony.....
Montgomery, Va.
 Lewis, Clayton.....Iowa, Wis.
 Lindsay, Harry....Franklin, Ill.
 Linkus, Joseph.....Cook, Ill.
 Littlefield, Robert.St. Louis, Mo.
 Lleo, Sebastian..New York, N. Y.
 Long, M. A....Hennepin, Minn.
 Loper, Jose.....Lake, Ind.
 Lowis, Jacob K.....Cook, Ill.
 Lus, John.....Cook, Ill.
 Lyhne, Jesse C. New Haven, Conn.
 Lyon, Katherine G. Crawford, Pa.

- Lyons, Joseph E..Lycombing, Pa.
 MacFarland, Hester R.....
 Germantown, Pa.
 MacKenzie, John....Benito, Can.
 Mackie, John.....Canada
 Mackoff, I. A....Brooklyn, N.-Y.
 Maki, Jeremias....Carlton, Minn.
 Maki, Chas.....Lewes, Wash.
 Maki, John R....New York, N. Y.
 Makkonen, A....Worcester, Mass.
 Malakawsky, Zenow....Cook, Ill.
 Malinsky, Anton.....Cook, Ill.
 Malisanskas, Adallas...Cook, Ill.
 Maltezos, Stephen...Bristol, Mass.
 Mamalek, M. M. J...Persia, Asia
 Mamcheff, Evren.....Cook, Ill.
 Manghaya, Fauster M. Philippines
 Manodis, Nick....Greece, Europe
 Mankas, William V....Cook, Ill.
 Mantyla, Herman.....
 Houghton, Mich.
 Martinez, Francisco...Nicaragua
 Massey, Ben R...Marshall, Okla.
 Matek, John....Poland, Europe
 Matthews, Raymond L.....
 Whiteside, Ill.
 Mayes, H. G...Kanawha, W. Va.
 Mays, H. R.....Erie, Pa.
 Metzler, S. E....New York, N. Y.
 Mizejewski, Max G...Lake, Ind.
 Miglinsky, Michael.Clearfield, Pa.
 Mikkonen, Paavo.....
 Port Arthur, Can.
 Miller, Lester J....McLean, Ill.
 Miller, Chris.....Rock, Wis.
 Millans, Aubon.Worcester, Mass.
 Millsbaugh, Phillip.....
 New York, N. Y.
 Minchin, Michael M.....
 Los Angeles, Cal.
 Minra, Harry M.....Japan
 Mitman, Floyd B....Clinton, Ind.
 Mitra, D.....India, Asia
 Mobley, Charles B..Fazewell, Ill.
 Moloches, Gabriel...Detroit, Mich.
 Moore, Graham H.....Holt, Mo.
 Morales, F. S...Central America
 Moya, Jose J...Cuba, West Indies
 Moye, James.....Gallatin, Ill.
 Mujawiri, Jia....Russia, Europe
 Mulford, A. B....Hamilton, Ohio
 Murphy, Leo.....Moultrie, Ill.
 Murray, John P. Silver Bow, Mont.
 McGihon, Robert...Wayne, Mich.
 McKennas, Walter Russia, Europe
 McKinley, Roscoe....Norris, Ill.
 Naruszewcz, Frank.....
 Stonim, Poland
 Nanjilin, J.....Essex, Mass.
 Naumoff, Angel.Milwaukee, Wis.
 Nestiger, Ingor....Vernon, Wis.
 Newland, Jay.....St. Joe, Ind.
 Nicholson, Barney...Norfolk, Va.
 Niemi, Julius.....Minnesota
 Nimkavge, Barney....Saline, Ill.
 Novadovich, Stanley...Lake, Ind.
 Nultynen, Axel...Cuyahoga, Ohio
 O'Day, John....Silver Bow, Mont.
 Oja, Kalle.....St. Louis, Minn.
 Olczawiskis, Konstantine.....
 Lake, Ind.
 Olds, R. E.....LaPorte, Ind.
 Olsen, Martin.....Lake, Ill.
 Olson, Gus E.....LaPorte, Ind.
 Olson, Chas...Crow Wing, Minn.
 Ordanoff, Peter..Milwaukee, Wis.
 Omari, Aburrahman..Syria, Asia
 Ostorch, Steve....Kankakee, Ill.
 Overstreet, Harold.....
 Indianapolis, Ind.
 Pankiewicz, Gust...Cuyahoga, O.
 Park, Cecil.....Wyoming, Pa.
 Partanen, Willi...Marquette, Mich.
 Parphenove, Stephen L.....
 Russia, Europe
 Pastoff, Mary.....Evanston, Ill.
 Patila, Sam....Finland, Europe
 Patkin, Charles.....Cook, Ill.
 Paulauskas, Peter....Cook, Ill.
 Penkus, Joe.....Cook, Ill.
 Pennanen, Peter.Houghton, Mich.
 Pera, August.....Lake, Ill.
 Peris, John....Cerro Gordo, Iowa
 Perlo, A.....New York, N. Y.
 Peters, Raymond....Bureau, Ill.
 Peterson, Peter L....Polk, Wis.
 Petty, Alice.....Riverside, Col.
 Phelps, R. R....Cleveland, Ohio
 Pierluisi, Simon G.....
 Porto Rico, West Indies
 Pipchus, A.....Lake, Ill.
 Polich, Anton...St. Louis, Minn.
 Pollock, Thomas H..Fulton, N. Y.
 Popoff, Spas...Bulgaria, Europe
 Popoff, Dimitir U.....
 Bulgaria, Europe
 Popoff, Pands.....Macedonia
 Porter, Roy T.....Payne, Okla.

- Proctor, Charles....Gallatin, Ill.
Pulkinew, John Markuetti, Mich.
Palomaki, Salmon.....
.....Negaunee, Mich.
Quinlan, Raymond..Shelby, Ohio
Rabinovitch, Sarah....Cook, Ill.
Rachwalski, Kazimir...Cook, Ill.
Radke, Mary.....Brown, S. D.
Raklewicz, Joseph.....
.....Lackawanna, Pa.
Rann, R. E....Shewassee, Mich.
Ray, Will D.....Hoke, N. C.
Rays, Mellors....Clayton, Iowa
Reod, James E....LaPorte, Ind.
Read, George.....LaPorte, Ind.
Remmers, Herman Des Moines, Ia.
Renkis, Alexander....Luci, Mich.
Ribas, J. R.....Brooklyn, N. Y.
Ridwan, Aly.....Cook, Ill.
Rimsha, Charles.....Lake, Ind.
Ring, Otto N...Twin Falls, Idaho
Rivero, Y. G...Cuba, West Indies
Ryan Catherine....Detroit, Mich.
Robertson, Blanche.....
.....Breckenridge, Ky.
Robinson, Wm.....Pulaski, Ky.
Robinson, Wm.....Pulaski, Ky.
Rodzerick, Joseph Hartford, Conn.
Rosczyk, W.....Cook, Ill.
Rosen, Fanny M. S.....
.....Fairfield, Conn.
Rosenzweig, Herman...Cook, Ill.
Ruby, D.....New York, N. Y.
Rudriz, Lawrence..Mahoning, O.
Rusok, Felise.....Porter, Ind.
Saenz, George....South America
Saenz, Herman....South America
Sagherian, Margrid.Omaha, Neb.
Saik, John F.....Ashtabula, Ohio
Saloga, Fred C.....Macon, Ill.
Sander, A. V.....El Paso, Col.
Sanderson, Sulo.....Canada
Saskor, Anthony.....Cook, Ill.
Satie, Juan...Espain, Santander
Schlansker, Virgil...Jersey, Ill.
Schmidt, Frank L...Fayette, Ill.
Schwartzberg, Wm.....
.....New York, N. Y.
Seale, Allie.....Clark, Ky.
Seale, Eric G.....Union, N. J.
Segas, Michael...Greece, Europe
Semulianis, John...Cleveland, O.
Seppo, James....Finland, Europe
Sereyka, George.....Cook, Ill.
Sexenian, H. M...Syracuse, N. Y.
Seson, Rex E....Hancock, Ind.
Shaffer, Miss Laura.....
.....Jefferson, Pa.
Shaskus, Chas.....Cook, Ill.
Shawner, Sam...Fayette, W. Va.
Shirazi, M. A.....Persia, Asia
Shold, Gunhild.....Cook, Ill.
Simon, Frank.....Cook, Ill.
Simula, Charles...Carlton, Minn.
Sippola, Keestace.Marquet, Mich.
Sitkareff, Alexis..Russia, Europe
Skinner, A. E.....Garrard, Ky.
Skirmantas, Stanley....Cook, Ill.
Sky, Charles M.....Canada
Sleigh, Joseph.....Crambry, Pa.
Smiley, Lewis.....Walton, Fla.
Smirnow, Nicholas.....Canada
Smith, Raymond L..Luzerne, Pa.
Smith, Miss Mary A...Pratt, Kas.
Sobota, J.....Tood, Mich.
Socoloff, John....Russia, Europe
Sola, John.....Virginia, Minn.
Sparkham, Charles.....Canada
Spaugh, Herman....Jasper, Ill.
Spaugh, Harrison...Jasper, Ill.
Stahl, Fred.....Carlton, Minn.
Stamm, Edward P. Allegheny, Pa.
Stankus, Jaroslaw....Cook, Ill.
Stanley, George R....White, Ill.
Stauling, Albert.Winnebago, Ill.
Staskus, Frank.....Cook, Ill.
Stevens, Mike.....Lake, Ind.
Stewart, John....Tuscola, Mich.
Stoyanoff, Nick.....Cook, Ill.
Strazdas, Peter..Lawrence, Mass.
Strecker, Mrs. I....Porter, Ind.
Strikol, Nellie...New York, N. Y.
Strikol, Anna...New York, N. Y.
Strizich, Thos. H.....
.....Haughton, Mich.
Strozdelis, Joseph J.Essex, N. J.
Strubil, Louis.....LaPorte, Ind.
Strumski, John....Essex, Mass.
Stuart, Frank.....Cass, Ind.
Surowiec, A.....Canada
Sutherland, Geo. J.....
.....Winnebago, Ill.
Sweeney, William...Chaffee, Col.
Tacey, Nicholas...Scranton, Pa.
Talcott, Samuel L.....
.....New Haven, Conn.
Tanner, W. L...Williamson, Ill.
Terrats, E..San Juan, Porto Rico
Terry, Albert....Jenese, Mich.
Thain, James.....Erie, N. Y.
Thomas, Arthur James.....
.....Gibson, Ind.
Thompson Alhina.....
.....St. Louis, Minn.
Thompson, John M.....
.....Minnehaha, S. D.

Thornin, B. N.....Cook, Ill.	Welden, Clarence..Kankakee, Ill.
Tomkus, K.....Philadelphia, Pa.	Wendzel, Reinholt Berrene, Mich.
Travica, Daniel.Milwaukee, Wis.	Werner, Nels....St. Louis, Minn.
Turner, Frank J.....Kings, N. Y.	Westphal, Arnold.....Lake, Ind.
Trop, J.....Cook, Ill.	White, Anna.....Porter, Ind.
Tzancoff, Peter.Bulgaria, Europe	White, W. P.....Kemper, Miss.
Unger, Chris.....Carlton, Minn.	White, Chris J...Maricopa, Ariz.
Urban, Felix.....Kenosha, Wis.	Whitlow, S. S.....Metcalf, Ky.
Uselis, Charles.....Cook, Ill.	Williams, Ben.....Logan, Kas.
Vaitekunas, Peter.....Cook, Ill.	Williams, Harry...St. Louis, Mo.
Vanselow, Otto....Westville, Ind.	Wilson, Walter H...Oneida, N. Y.
Vessels, Frank.....Cook, Ill.	Winke, Miss Julia.....Will, Ill.
Vetchkis, Stephen..Essex, Mass.	Wietanen, W. ....Canada
Vilkas, Peter.....Cook, Ill.	Wiszowaty, Joseph....Cook, Ill.
Wahr, John.....Hebberg, Minn.	Wong, Tei Chong.....China
Walczis, P.....Cook, Ill.	Wons, O. S.....Kenosha, Wis.
Waichunas, Gus....Albany, N. Y.	Wuletich, Milan.....Lake, Ind.
Wainia, Herman....De Kalb, Ill.	Wurster, Gotlieb...Osceola, Mich.
Wakeman, Edgar S. Niagara, N. Y.	Wurth, Mr. Albert..Putnam, Ohio
Wallenmeier, Clara.....	Wurth, Edward....Putnam, Ohio
.....Washtenan, Mich.	Yechis, Alphonse....Athol, Mass.
Walker, Sydney W.....	Yeoman, Burl.....LaPorte, Ind.
.....New York, N. Y.	Yeomans, L. H.....Cook, Ill.
Walker, J. C.....Demmitt, Tex.	Yost, F. L.....LaPorte, Ind.
Walsh, James G.....	Young, Marie C.....Berwyn, Ill.
.....Lackawanna, Pa.	Yovalsh, John.....Kane, Ill.
Walsh, D. F....Champaign, Ill.	Zaharicff, Gregor.....
Ward, Ben F....Mingo, W. Va.	.....Bulgaria, Europe
Wazrynen, Richard.....	Zarskien, Broni..Williamson, Ill.
.....Houghton, Mich.	Zemutis, Alice.....Cook, Ill.
Weaver, William.Kosciusko, Ind.	Zemcultis, Ursula.....Cook, Ill.
Webb, Bonnie.....Porter, Ind.	Zermaeklen, Oscar Manitoba, Wis.
Weber, O. M...Black Hawk, Iowa	Zitka, Josephine..Hamden, Mass.
Wedgwood, Edwin....Lake, Ind.	Zolp, John J.....Cook, Ill.
Weiner, Anna.....Iroquois, Ill.	Zuber, Mrs. Anna.....Lake, Ind.
Weinstein, Ruth...Detroit, Mich.	

HIGH SCHOOL DEPARTMENT.

DIVISION A.

Ackeberg, F Fingal.....	Bobst, A. W.....Franklin, Iowa
.....Whiteside, Ill.	Boghosian, Leon H.....
Adams, Ralph E. Thurston, Wash.	.....Alleghany, Pa.
Ashton, Howard.....Winn, Ill.	Boyd, Edith.....Cook, Ill.
Atanasoff, George .....Bulgaria	Boyd, Nettie.....Randolph, Ill.
Aymerich, William.....	Brewster, Earl....Bradford, Pa.
.....Cuba, West Indies	Brown, Thos.....Will, Ill.
Barber, Joe.....Allen, Ind.	Brown, Nelson M...Kings, N. Y.
Bender, Frank Joseph.Lake, Ind.	Budzynski, Thony.....
Bentley, Clinton H. Winona, Minn.	.....Germany, Europe
Bergland, Gus.....Cook, Ill.	Burgett, Earl.....White, Ind.
Birmingham, P. J..Steuben, N. Y.	Burton, Lawrence V..Porter, Ind.
Blachly, Mrs. Mary W..Kane, Ill.	Call, James.....Sangamon, Ill.

- Chang Kwai Lun.....
 Honolulu, Hawaiian Islands
 Cheatham, W. H....Hernico, Va.
 Chernichenko, Stephen.....
 New York, N. Y.
 Colchester, Cecil Percy...Canada
 Cole, George J. Cattaraugus, N. Y.
 Corcoran, Peter.Philadelphia, Pa.
 Coulter, T. C.....Shelby, Tenn.
 Cox, S. A. D.....Fresno, Cal.
 Crimmins, Maggie Vermillion, Ill.
 Crowl, Mrs. Nina E....Erie, Pa.
 Cwiklinski, Steve.St. Joseph, Ind.
 Dague, Viola....Ellsworth, Kas.
 Deem, Archibald John.....
 England, Europe
 Deveroux, Wm....St. Clair, Mich.
 Dickholtz, Joe....Russia, Europe
 Dickinson, Elizabeth.....
 Oswego, N. Y.
 Doenges, O. C....Auglaize, Ohio
 Donnelly, Robert A....Cook, Ill.
 Dyke, Wm. F.....Denver, Col.
 Edwards, William W.....
 New York, N. Y.
 Elo, Charles..Koochiching, Minn.
 Fazl, S. Khan Abol..Persia, Asia
 Fehmer, J. B....Torrance, N. M.
 Field, Agnes.....St. James, La.
 Fijian, F. J.....Madison, Ill.
 Findley, Oscar...Craighead, Ark.
 Flechoso, Angel.....Lake, Ind.
 Flint, N. J.....Gallatin, Mont.
 Foster, MonaBelle....Porter, Ind.
 Frase, Ernest....Stevens, Wash.
 Frazee, Darwin T..Cherokee, Kas.
 Gallagher, S. H.....
 Washington, N. Y.
 Geake, Samuel S.....Allen, Ind.
 Gilbert, Clarence.St. Louis, Minn.
 Gillian, Delmar M. Gladiom, Mich.
 Goedecke, W. S.....Sank, Wis.
 Gruelle, Homer B....Porter, Ind.
 Greenhalgh, Sarah...Polk, Iowa
 Gregory, A. S....McIntosh, N. D.
 Greve, Paul.....Osceola, Iowa
 Grimes, Chas. A....Orange, Ind.
 Grove, Chloe T.....Wells, Ind.
 Haas, John W.....Berks, Pa.
 Hang, Kate M.....Essex, N. J.
 Harry, D. V.....Hanover, Va.
 Heeter, Arnold E....Clarion, Pa.
 Heineman, Lila.....Porter, Ind.
 Heini, Anna.....Cherokee, Iowa
 Henderson, Relta A.....
 Hampden, Mass.
 Henkel, Arthur G.....
 Sweet Water, Wyo.
 Higgins, L. G....Eau Claire, Wis.
 Hinchman, Wm...Allegheny, Pa.
 Hippensteel, C. F....Porter, Ind.
 Hirai, T.....Cook, Ill.
 Hoffman, E. Raymond..York, Pa.
 Hoover, Harry....Brooke, W. Va.
 Howser, J. W.....LaPorte, Ind.
 Hughes, Chas. A....Metcalf, Ky.
 Hiuras, Peter M...Ozaukee, Wis.
 Hutchins, W. H.....Cook, Ill.
 Jieneslawic, Boleslaw.....
 Russia, Europe
 Jazgar, M.....Manistee, Mich.
 Johnson, Sigfried.LaMaure, N. D.
 Jones, Edith A.....Porter, Ind.
 Junaarerri, Stephen E..Lake, Ind.
 Josku, Anthony.....Carroll, Pa.
 Kila, Edwin....Ottertail, Minn.
 Keplinger, E. B...Sheridan, Mont.
 Kieffer, Anna L...Randolph, Ill.
 Kinsey, Norman...Madison, Ind.
 Kohnz, Lewis.....Lorain, Ohio
 Kosakierzecs, Glen...Lake, Ind.
 Kovacheff, Christ.....
 Bulgaria, Europe
 Krasnoff, Harry E....Porter, Ind.
 Lackey, Jas. E. Jr..Lawrence, Ky.
 Lewis, Jacob K.....Cook, Ill.
 Litschel, F. M.....Cook, Ill.
 Lokken, A. Chr.....Cook, Ill.
 Ma, W. S.....China, Asia
 Makinen, Victor..Carlton, Minn.
 Marlow, H. L....Livingston, Mo.
 Marple, Frank O. Comanche, Okla.
 Miller, Lester.....McLean, Ill.
 Mills, Earl.....Boone, Ind.
 Mitnick, Louis.....St. Louis, Mo.
 Morales, Edward.....
 Cuba, West Indies
 Mullius, Tyler.....Irwin, Ga.
 McAneny, Ambrose E.....
 Rice, Minn.
 McCallister, Audrie..Douglas, Ill.
 McCoach, Jane P....Erie, N. Y.
 McDonald, Leo J....Calhoun, Ill.
 McDonald, Catherine.Porter, Ind.
 McGihon, Robert...Wayne, Mich.
 McMahan, Christena E..Lake, Ill.
 McNutt, Patterson...Porter, Ind.
 McVey, Wellesley..Clarke, Mont.
 McVicker, Roscoe..Guernsey, O.

Nagle, John W...Stephenson, Ill.
 Nare, Herman...St. Louis, Minn.
 Neathery, Merle H...Collin, Tex.
 Nevins, Seville L...Calhoun, Mich.
 Newman, Rolla M...Bureau, Ill.
 Niemi, Ananias...Worcester, Mass.
 Niemi, Waterman.....
 Worcester, Mass.
 Nimmo, Elliott...Richland, Ohio
 Nolan, V. Mayme...Porter, Ind.
 Nugent, Lillian.....Delta, Mich.
 O'Donnell, Irene.....Cass, Ind.
 O'Donnell, E. F....O'Brien, Iowa
 O'Kerr, Wm.....Lawrence, Pa.
 Oldfield, Mamie L...Madison, Ala.
 Owens, Ray W....Clearfield, Pa.
 Palomaki, Viljam Marquette, Mich.
 Parsels, L. A. Jr. Philadelphia, Pa.
 Parker, James H. New York, N. Y.
 Parrish, Homer G...Jackson, Mich.
 Partanen, Will...Marquette, Mich.
 Peck, Wilbert D...Franklin, Pa.
 Pieper, Henry E.....Noble, Ind.
 Powell, Libbie...Winnebago, Ill.
 Polloy, Sherman.....Cook, Ill.
 Quick, Emmett L.....
 McCracken, Ky.
 Quinion, Harold...Hartford, Conn.
 Ramsey, F. B...Nicholas, W. Va.
 Rasmussen, H. L.....
 Winnebago, Wis.
 Ray, Dewitt N.....Indiana, Pa.
 Rebollo, Carbia Jose.....
 Cuba, West Indies
 Reed, Hannah...Hancock, W. Va.
 Reyburn, Marjorie...Jefferson, Ark.
 Richardson, John A.....
 Hancock, W. Va.
 Rierson, N. R....Campbell, S. D.
 Rivero, Ignacio G.....
 Cuba, West Indies
 Ross, Malcolm.....Cook, Ill.
 Rotter, Louis.....Cook, Ill.
 Rupert, Margaret...Champaign, O.
 Russell, Helen.....El Paso, Tex.
 Saenz, George.....So. America
 Salo, Alex.....Carlton, Minn.
 Sampson, Carrie Z...Hamilton, Ia.
 Sampson, Anna...Hamilton, Ia.
 Saylor, Elmer.....Porter, Ind.
 Saymaki, Steve C.....Cook, Ill.
 Seale, Chas. L.....Clark, Ky.
 Sepponen, Matt...Itasca, Minn.
 Scheenan, Christofer...Cook, Ill.

Schlundt, Walter D...Porter, Ind.
 Scislowsky, Anna M....Will, Ill.
 Scott, Anna.....Moultrie, Ill.
 Sheets, Walter...Delaware, Pa.
 Shaffer, Laura.....Jefferson, Pa.
 Simpson, T. S.....Boyle, Ky.
 Skaggs, James W.....
 Greenbrier, W. Va.
 Skaggs, Charles E.....
 Greenbrier, W. Va.
 Slater, Chas. G....Fayette, Pa.
 Sleigh, Joseph.....Cambria, Pa.
 Smith, Obed.....Elkhart, Ind.
 Smith, F. A.....Cook, Ill.
 Smith, D.....Benton, Ill.
 Smith, Olive.....Porter, Ind.
 Smith, J. A.....Cook, Ill.
 Sonza, Felix...Brazil, So. America
 Soroosh, Rostum...Persia, Asia
 Soukup, C. T.....Dodge, Neb.
 Spencer, J. H...Chautauqua, Kas.
 Sprencel, Lillian...Porter, Ind.
 Stapleton, John W...Boone, Ky.
 Stawieki, T. J.....Kings, N. Y.
 Stewart, Mary.....Rush, Ind.
 Stewart, Elizabeth...Rush, Ind.
 Stewart, Mrs. W. R.....
 Allegheny, Pa.
 Stiles, Daniel.....Iroquois, Ill.
 Stoker, Chas. C.....Stark, Ohio
 Stoner, Mildred....Porter, Ind.
 Stott, E. L.....Alberta, Can.
 Strobridge, Grace...Dallas, Ark.
 Studabaker, Hugh Jr. Porter, Ind.
 Swartfager, Bryce...Weber, Utah
 Tashiro, Isami.....Hawaii
 Taneff, Atanas...Bulgaria, Europe
 Thomas, Andrew.....
 Austria-Hungary
 Thompson, Harry A.....
 Columbiana, Ohio
 Timmons, Edna B...Perkins, S. D.
 Timmons, Dema.....Porter, Ind.
 Tripet, Thomas...Wayne, Mich.
 Trowbridge, D. F....Greer, Okla.
 Tuami, Emil.....Carlton, Minn.
 Uhler, George C....Knox, Neb.
 Upton, Lester.....Hamilton, Ill.
 Valliere, Philip.....Cook, Ill.
 Voltz, Alice.....Saint, Landry
 Waisanen, John...St. Louis, Minn.
 Walker, John.....Passaic, N. J.
 Walla, Nora C.....Cass, N. D.
 Walleck, Nathan.....Cook, Ill.
 Walleck, Leo.....Cook, Ill.

Ward, Angus....Houghton, Mich.
 Ward, Harrison F....Kings, N. Y.
 Watson, Thos. J....Madison, Ala.
 Wayne, Henry.....Cook, Ill.
 Weber, Geo. A.....Will, Ill.
 Weems, Edith.....Porter, Ind.
 Weimer, Minnie....Iroquois, Ill.
 Weld, Lynne.....Iowa, Mich.
 Wiley, B. L.....Choteau, Mont.

Wiens, Jacob P.....
Cottonwood, Minn.
 Williams, W. B.....Porter, Ind.
 Wilson, Arthur S.....
Wabashaw, Minn.
 Young, C. H.....Kawai, Hawaii
 Yung, Marie.....Cook, Ill.
 Zantom, Chas. A.....
Fond du Lac, Wis.
 Zymont, A.....Cook, Ill.

DIVISION B.

Aidman, Henrietta.....
New York, N. Y.
 Akers, Reuel.....White, Ill.
 Allen, A.....Dubuque, Iowa
 Ambuehl, Geo.....Fayette, Ill.
 Anderson, S. M....LaPorte, Ind.
 Arfapo, Jacinto E.....
Pangasinan, P. I.
 Attanamosoff, Nicholas.....
Bulgaria, Europe
 Augustinoviecz, C. M.....
Kensington, Ill.
 Azeez, E.....Persia, Asia
 Badgett, W. E.....Wichita, Tex.
 Bagby, Roe.....Banen, Ky.
 Bahr, Benjamin W.....
Schuylkill, Pa.
 Baker, Jesse.....Avoyelles, La.
 Bakshaitis, Mitchell...Cook, Ill.
 Baldwin, Norman.....
Washington, D. C.
 Barrash, Jennie.....Cook, Ill.
 Barth, Julius.....Bond, Ill.
 Bartlett, Clinton..Livingston, Ill.
 Barton, Toy.....Calloway, Ky.
 Bartoshesky, Lucian.....
Baltimore, Md.
 Barzyk, Gabriel....Wayne, Mich.
 Beasley, Noble...Ashtabula, Ohio
 Behymer, Herber...Madison, Ind.
 Belttari, Eli E...Houghton, Mich.
 Bennett, Chas. R.....Floyd, Ind.
 Benosius, Gabriel.....Cook, Ill.
 Benson, Bengt, Simon.....
Sweden, Europe
 Bergan, John P....Kankakee, Ill.
 Bergland, Arie.....Cook, Ill.
 Bettinger, Leona F.....
Milwaukee, Wis.
 Blanski, Andrew.....Cook, Ill.
 Blastoch, Chas. W..Berrien, Mich.
 Bina, Lily.....Porter, Ind.

Bitowski, Charles.....
Worcester Mass.
 Bittman, Alice L....Dickey, N. D.
 Blachowiak, John....Cook, Ill.
 Blankenship, Alderson.....
Raleigh, W. Va.
 Blyth, Geo.....Cascade, Mont.
 Boggs, Elanor.....Benton, Ark.
 Bonstetter, Alexander H.....
 Bonza, J. A.....Scioto, Ohio
 Borguding, H. W.....
Muskegon, Mich.
 Bowman, Milo M....Porter, Ind.
 Boye, Rose.....Fayette, Ill.
 Brandt, Albert.....Cook, Ill.
 Brasted, Elie.....
Lau Que Porte, Minn.
 Brazill, John C....Luzerne, Pa.
 Brehm, John.....St. Louis, Mo.
 Breitbarth, A...Germany, Europe
 Brennan, Richard.....Cook, Ill.
 Bright, Brighton W..Morris, N. J.
 Brin, Rose.....Cook, Ill.
 Brisley, Warren B.....
Hennepin, Minn.
 Britt, Fernley.....Pulaski, Ill.
 Brody, Louis.....Indiana, Pa.
 Brooks, Lee R.....Clay, Ala.
 Brose, David.....Fresno, Cal.
 Brown, Bruce.....Porter, Ind.
 Bucheit, Vera....St. Joseph, Ind.
 Buckley, Royal.....Day, S. D.
 Buntlinger, Melvin.....
St. Joseph, Ind.
 Burda, Matilda..New York, N. Y.
 Burright, Blanche..Logan, Okla.
 Burns, Geo.....Montgomery, Ill.
 Burt, Bryan.....Collin, Tex.
 Busch, Geo.....Cook, Ill.
 Byham, Geo.....McKean, Pa.
 Cage, Hazel.....Tipton, Ind.
 Caines, Johnie.....Pike, Ky.
 Cairns, James Morgan.....
Westmoreland, Pa.

- Caldeira, Antonio D..West Indies
 Callahan, J. F.....Ottawa, Mich.
 Carlton, Jesse R.....Cook, Ill.
 Carmichael, Norval.....
Wetzel, W. Va.
 Carmichael, Harry.....
Wetzel, W. Va.
 Carnow, Abraham.....Cook, Ill.
 Carrick, Clifford.....Canada
 Cervantes, L. L....Laramie, Wyo.
 Chally, Rose.....Kankakee, Ill.
 Chandler, S. B.....Johnson, Ky.
 Chang, Kwas Lien.....
Yee Chan, Hawaii
 Chatterjee, S. N....Bengal, India
 Chernichenko, Stephen.....
New York, N. Y.
 Child, Frances.....Rock, Wis.
 Chismar, Thomas.....Lake, Ind.
 Christensen, C. A...Audubon, Ia.
 Christoph, Gustave W.....
Alaska, North America
 Clark, Marie L.....
Multnomah, Ore.
 Clayton, Jas. O.....Douglas, Neb.
 Cole, Geo. J...Cattaraugus, N. Y.
 Coleman, William...Union, S. C.
 Collings, W. J....Meagher, Mont.
 Cooper, Henry.....Madison, Ill.
 Corcoran, Peter.Philadelphia, Pa.
 Cordrey, Florence L....Cook, Ill.
 Coklomanes, N. J.....
Washington, Okla.
 Cox, S. A. D.....Fresno, Calif.
 Cox, William J.....Brown, Wis.
 Craig, William E..Yobapai, Ariz.
 Cramer, Roscoe C..Atlantic, N. J.
 Cross, B. W.....Sullivan, Tenn.
 Cuff, Matthew....Jefferson, N. Y.
 Cummings, Harold.Custer, Mont.
 Cutshall, Edwin....Richland, Ill.
 Cwisko, John J.....Poland
 Dahl, Andrew L....Douglas, Minn.
 Dailey, Howard S...Chant, N. Y.
 Damon, Frank A..Calhoun, Mich.
 Dandermann, Irwin F.....
Madison, Ill.
 Dawe, Victor C.....
 Dearman, A. M....Raane, W. Va.
 Dederian, Sebook H.....
Providence, R. I.
 Detlefs, Clara.....Porter, Ind.
 Donohue, Earl....Columbia, Wis.
 Dorsey, Blaine.....Ohio, W. Va.
 Du Bois, Eltie.....Lake, Ind.
 Duey, Inis.....Lincoln, Mo.
 Dziura, John.....Cook, Ill.
 Eadie, H. M.....Ireland, Europe
 Eber, Kenneth....Berrien, Mich.
 Eberly, Wayne J.....Elk, Pa.
 Edington, Harry...Greenup, Ky.
 Ehrlich, Abraham J.Kings, N. Y.
 Eklund, Harry E.....
Yellowstone, Mont.
 Elliott, Warren W.....
Westmoreland, Pa.
 Enoch, Clyde M....Wirt, W. Va.
 Erickson, Verna.....Knox, Ill.
 Erickson, Joseph...Jefferson, Id.
 Erickson, Wm. S...Jefferson, Id.
 Erps, Benjamin.....
Yellowstone, Mont.
 Erurn, Luella D....Porter, Ind.
 Eudeikis, Joseph.....Cook, Ill.
 Evans, A. Lunda..Lawrence, Ky.
 Ewe, Aik.....Signapore, Asia
 Eyman, Curtis G.....Bond, Ill.
 Fafara, Jacob...Hillsboro, N. H.
 Falls, Clark E....Wayne, Mich.
 Farndale, James..St. Louis, Minn.
 Fields, Forrest.....Carter, Ky.
 Fijon, Frank J.....Madison, Ill.
 Findlay, Merle B...Tuscola, Mich.
 Fisher, Frank.....Michita, Tex.
 Flint, Nelson J...Gallatin, Mont.
 Foley, Lynn.....Marquette, Wis.
 Foley, Carl.....Marquette, Wis.
 Ford, John.....Cook, Ill.
 Fordowski, Walter.....
Poland, Europe
 Frailey, Thelma.....Shelby, Ill.
 Frase, Ernest....Stevens, Wash.
 Frazee, Darwin...Cherokee, Kas.
 Fulton, Wm. J.....Rock, Wis.
 Gapshis, Peter.....Cook, Ill.
 Gardner, Will R.....Mesa, Col.
 Gredgoud, Peter.....Kane, Ill.
 Gilbert, Clarence Andrew.....
St. Louis, Minn.
 Glegoroff, Peter.....Cook, Ill.
 Glimp, Curtis..Lanclerdale, Tenn.
 Glimes, Lola.....Jasper, Ill.
 Godfrey, Victor W...Hamilton, O.
 Goedecke, W. S.....Sank, Wis.
 Graham, Earl E...Winnebago, Ill.
 Gran, Carl.....Kings, N. Y.
 Graves, S. Henry...Pulaski, Ill.
 Gray, Charles Darwin.....
St. Marys, La.
 Gray, Virgil.....Cass, Ind.

- Greenwood, Henry L.....
 Manitowoc, Wis.
 Gregory, Lawrence.....
 Manitowac, Wis.
 Gribow, William.....Cook, Ill.
 Griffey, Edward W..Shelby, Tenn.
 Griffin, James M....Chilton, Ala.
 Groner, F. M.....Kendall, Ill.
 Groombridge, Earle L....Canada
 Gurren, James C..Jefferson, Ky.
 Hadnot, B. D.....Grant, La.
 Haldane, Robert.....Ireland
 Hale, Charles D.....Otera, Colo.
 Harbin, Earl.....St. Joseph, Ind.
 Harrington, Edward H.....
 Gibson, Ind.
 Hartman, William..Oneida, N. Y.
 Hash, Paul G.....Roanoke, Va.
 Herbert, Helen.....Delta, Mich.
 Heikens, Rose A.....Clay, Iowa
 Heissig, Ida.....Paterson, N. J.
 Hellman, Frank....Randolph, Ill.
 Hendricks, Jr. Jules.....
 Lawrence, S. D.
 Hill, Percy H.....Minon, Ohio
 Hill, Helen M.....Erie, Pa.
 Hill, Alvey H.....Blair, Pa.
 Hinckley, Harry C.....
 New York, N. Y.
 Hoefler, Victor..McPherson, Kas.
 Hoffman, R. E.....York, Pa.
 Hofelt, John N. Westmoreland, Pa.
 Holloman, George T.....
 Randolph, Ill.
 Hollon, Lela.....Pike, Ind.
 Horne, Robert Elton Jasper, Miss.
 Hoyt, Wayland H..Monroe, N. Y.
 Hughes, J. E.....Green, Okla.
 Hunt, Lee.....Hawaiian Island
 Hunter, Nellie.....Vernon, Wis.
 Hustad, Olen.....Green, Wis.
 Hutchinson, Warren.....
 New York, N. Y.
 Ihard, Don C.....Caddie, Okla.
 Ingersoll, Lewie...Clinton, Mich.
 Jackson, H. A..Kayauha, W. Va.
 Jaffar, Khan.....Persia, Asia
 Jenkins, Robert..Crittenden, Ky.
 Jewell, Edward C..Oakland, Mich.
 Johnson, Agnes M..Brown, Wis.
 Johnson, Archie..Mendocino, Cal.
 Johnson, G. A.....Cook, Ill.
 Johnson, Hugh F..Jackson, Mo.
 Johnson, John E.....
 Minneapolis, Minn.
 Johnson, Sigfried..La Moure, N. D.
 Jones, W. E.....Calloway, Ky.
 Jones, Geo. L.....Gallatin, Ill.
 Jones, Geo. Philip..Hancock, Ill.
 Jozefczyk, Andrew.Wayne, Mich.
 Junell, W. E.....Canada
 Kearns, Tom....Marquette, Wis.
 Keaton, Roy.....Floyd, Va.
 Keightly, Ola.....Tazwell, Ill.
 Keplinger, Francis.....
 Williams, N. D.
 Klassy, Ernest R....Green, Wis.
 Kohl, Wm. E.....Greene, Ill.
 Kortz, Lee B....Webster, Iowa
 Krueger, Fred W..Waupaca, Wis.
 Kuckenbecker, Frank M.....
 Fond du Lac, Wis.
 Kurowski, James S.....
 Shawano, Wis.
 Labovich, Irving E...Lake, Ind.
 Landon, W. Russell.....
 Lycoming, Pa.
 Lape, Charles.....Fayette, Ill.
 La Pointe, Maude..Arenae, Mich.
 Larney, C. F.....Oxford, Maine
 Lattin, L. E.....Otsefo, N. Y.
 Laviolette, Samuel...Door, Wis.
 Lee, E. A.....Singapore, Asia
 Leitz, Robert.....Berrien, Mich.
 Lewis, Nancye.....Letcher, Ky.
 Linderman, Roy....Porter, Ind.
 Lindsay, Ralph L.....
 Washington, N. Y.
 Livesay, Linda Rose.....
 Labette, Kas.
 Loewer, Wm.....Cook, Ill.
 Logan, I. G....Rutherford, N. C.
 Londin, Ralph.....Gibson, Ind.
 Lovdahl, Curtis..Waushara, Wis.
 Lundahl, Mary.....Clark, Wis.
 Lynch, James W....Essex, N. J.
 Lyngholm, Thorwald..Baca, Col.
 Lyngholm, Axel.....Cook, Ill.
 Lyons, Joseph E..Lycoming, Pa.
 Mackenzie, John.....Canada
 Mackwiz, G. Stanley..Gibson, Pa.
 Magnusson, Anna.....
 Whatcom, Wash.
 Maltezos, Stephen S.....
 Boston, Mass.
 Mangold, Ralph G..Racine, Wis.
 Marlow, H. L....Livingston, Mo.
 Marple, F. O..Comanche, Okla.
 Marshall, Carl C.....Cook, Ill.
 Martin, Ruth E. Van Buren, Mich.

- Massengill, Kenneth.....
Chesterton, Tenn.
 Massey, Ben R...Marshall, Okla.
 Matney, Mary.....Lawrence, Ohio
 Maul, Frances.....Cook, Ill.
 May, Henry L.....Floyd, Ky.
 May, E. F.....Floyd, Ky.
 Mays, Halsted R.....Garland, Pa.
 Maxlmena, Basil.....Cook, Ill.
 Mierzejewski, Max F...Lake, Ind.
 Miller, Theodoré...Ford Co., Ill.
 Mitchell, Wm.....Canada
 Monto, Santeri....Gogsbilg, Mich.
 Moore, Lola.....Tippecanoe, Ind.
 Moore, C.....Calloway, Ky.
 Morey, Fred.....Fayette, Ill.
 Morris, Calvin....Calloway, Ky.
 Moye, Mr. Wilber...Gallatin, Ill.
 McCarthy, John P. M...Blair, Pa.
 McDaniel, Grace....Warrick, Ind.
 McGrew, Dale....St. Joseph, Ind.
 McKenna, O. B.....Wood, Ohio
 McKenzie, Doris....Pinal, Ariz.
 McVay, Wellesley P.....
Lewis & Clark, Mont.
 Nare, Herman.....Cook, Ill.
 Neister, Gall.....Moody, S. D.
 New, Charlotte.....Cook, Ill.
 Nickel, Charles....Labette, Kas.
 Noble, Barnet...New York, N. Y.
 Norris, Frederick...Marion, Ind.
 Nusbaum, Leonard J...Will, Ill.
 Odalski, Edmund.....Cook, Ill.
 Olson, Charles.Crow Wing, Minn.
 O'Malley, Thos.....Cook, Ill.
 O'Malley, William.....Cook, Ill.
 Paguio, Jose.....Philippines
 Palecki, Joseph.....Cook, Ill.
 Parkes, Joseph H.....
Westmoreland, Pa.
 Parker, Erwin G...Roseau, Minn.
 Parks, Robert....Calloway, Ky.
 Payne, Charles W.....
Silver Bow, Mont.
 Perkins, Charles B. Crawford, Pa.
 Peters, Raymond.....Rush, Ind.
 Peterson, Anna M...Audubon, Ia.
 Petty, Alice....Los Angeles, Cal.
 Phipps, W. A....Cumberland, Ill.
 Pierluisi, Simon.....Porto Rico
 Pittenger, Verner...Brown, Ohio
 Podlevner, Laura B....Cook, Ill.
 Pool, Ira J.....Crawford, Mont.
 Porter, Clifford...New York, N. Y.
 Quinlon, Harold...Hartford, Conn.
 Quinlin, Raymond M...Shelby, O.
 Rabinovitch, Sarah....Cook, Ill.
 Ramsey, Frank...Nicholas, W. Va.
 Read, James E....LaPorte, Ind.
 Read, George R....Porter, Ind.
 Reams, J. H.....Powhatan, Va.
 Redmond, Glenn B.....Will, Ill.
 Reed, Hannah Castle Rock, W. Va.
 Reed, Ethel May.....Cass, Ind.
 Reid, William T. Houghton, Mich.
 Reiser, Jesse....Mahoney, Ohio
 Remmers, Herman.....
Des Moines, Iowa.
 Richardson, Robert B.....
Wichita, Tex.
 Riordan, Hale...McDonough, Ill.
 Roman, B. A.....Shelby, Ohio.
 Roseczyk, Wm.....Cook, Ill.
 Rosenquest, Leonard.Porter, Ind.
 Ross, Raymond...Val Verde, Tex.
 Roulette, Ivola.....Pulaski, Ill.
 Ruff, Luther A...Pickaway, Ohio
 Salt, Ena G....England, Europe
 Sanders, Cyrus.....Gallatin, Ill.
 Sanders, Tramuell...Bowie, Tex.
 Sanderson, H. A...Rocking, Miss.
 Schiff, Gilbert J.....Vigo, Ind.
 Schuster, Meletta....Cook, Ill.
 Seale, Eric G.....Union, N. J.
 Seely, Eli A.....Union, Ohio
 Sellards, A. G. Jr....Scioto, Ohio
 Sexson, J. B.....Knox, Ind.
 Shafer, Jack.....Howard, Tex.
 Sisson, James...Kanawha, W. Va.
 Smirnow, N.....Canada
 Smith, J. A.....Cook, Ill.
 Smith, Fredric A.....Cook, Ill.
 Sparham, Charles.Hamilton, Can.
 Sparks, Emmet...Lawrence, Ky.
 Stamm, Clarence H...Jasper, Ill.
 Stanley, Geo. R.....White, Ill.
 Stawicki, T. J.....Kings, N. Y.
 Steele, Raymond S.....
Westmoreland, Pa.
 Stewart, John....Tuscols, Mich.
 Stewart, Chas. C. Lake Creek, Tex.
 Stokes, Julius B...Hampton, S. C.
 Stoymanoff, Nick.....Cook, Ill.
 Straits, L. A.....Wayne, Ohio
 Strawn, J. C.....Wichita, Tex.
 Studabaker, Hugh...Porter, Ind.
 Studabaker, Mildred E.....
Porter, Ind.

Stumps, Elizabeth.....Cook, Ill.	Walker, Thos. H....Garvin, Okla.
Sullivan, Anna.....Jasper, Mo.	Walker, John.....Passaic, N. J.
Sutski, A. F.....Cook, Ill.	Walker, Arthur..Franklin, Iowa
Talcott, Samuel L.....	Walsh, D. F.....Champaign, Ill.
.....New Haven, Conn.	Ward, Ben F.....Mingo, W. Va.
Tashiro, Isami.....Japan	Wartalski, Edward.....Cook, Ill.
Taylor, Dorr.....McKean, Pa.	Warren, G. O.....Williams, Ohio
Teller, Jacques...St. Johns, Fla.	Waterman, Richard C..Cook, Ill.
Thomas, Constantin...Cook, Ill.	Weber, Odie M...Black Hawk, Ia.
Todd, Hume A.....Bond, Ill.	Weeks, L. A...Washington, Tenn.
Tofte, Caroline.....Porter, Ind.	Weimer, Minnie....Iroquois, Ill.
Tow, Bruce E.....Boone, Mo.	Weller, Florence M.....
Towne, Charles W..St. Louis, Mo.	.....Schuylkill, Pa.
Townsend, Clarence E.....	Werntz, Ida M.....Porter, Ind.
.....Saginaw, Ill.	White, Ada.....Whitley, Ind.
Trainor, Frank Edward.....	Whitney, Leota.....Allen, Ohio
.....Sangamon, Ill.	Wiley, R. S.....Noble, Ind.
Trauzen, Charley.....Cook, Ill.	Wilhelm, Carl H.....Cook, Ill.
Tripet, Thomas....Detroit, Mich.	Williams, Ben.....Lokan, Kas.
Turcott, Cecelia....Boyne, Mich.	Wilson, Arthur S.....Minnesota
Turley, S. S.....Jasper, Mo.	Witt, Ross S.....Somerset, Pa.
Tuttle, Alice H...Freeborn, Minn.	Wojahn, Edward...LaPorte, Ind.
Tzancoff, Peter Krilska, Bulgaria	Wolanski, Walter M. Luzerne, Pa.
Udre, Peter.....Essex, Mass.	Wolfe, Cora Z....Richland, Wis.
Vinson, Aubrey...McNairy, Tenn.	Woodruff, W. H.....Cache, Utah
Votsos, D. D....New York, N. Y.	Wright, Ora E..Sweetwater, Wyo.
Wadleigh, Reed....Woodford, Ill.	Wurth, Edward....Putnam, Ohio
Wagner, Erastus E.....	Wurth, Albert....Putnam, Ohio
.....McDonough, Ill.	Yost, Chas. N.....Cass, Mich.
Wagner, J. J....Stephenson, Ill.	Zermuchlen, Oscar.....
Wallach, Nathan.....Cook, Ill.	.....Manitowoc, Wis.
Wallach, Leo.....Cook, Ill.	Zurwell, Frank S...Essex, Mass.
Wallar, Hazen M..Genessee, Mich.	Zymont, A.....Cook, Ill.

TEACHERS' DEPARTMENT.

Acker, Doris L.....Adams, Ind.	Beasley, Homer....Davless, Ind.
Ahlgren, Hilda.....Lake, Ind.	Beattie, Dora J....Williams, Ohio
Anderson, Allan C.....Cook, Ill.	Beaver, Marion..Tippecanoe, Ind.
Arndt, Clara.....Starke, Ind.	Benkie, J. Raymond..Porter, Ind.
Arnold, Wilbur....Marshall, Ind.	Bentley, Margaret.....
Atherton, Lillian.....White, Ind.	.....Montgomery, Kas.
Ault, Vida.....Kankakee, Ill.	Bibler, Ethel M....Elkhart, Ind.
Batchel, Vernon O..Marshall, Ind.	Bird, Rufus L.....Henry, Ind.
Bader, Hester V....Ravalli, Mont.	Black, Mary Marguerite.....
Baker, Helen.....White, Ind.	.....Oklahoma, Okla.
Baker, Lucy J.....Porter, Ind.	Blaine, Gale.....Whitley, Ind.
Barkley, Addie.....Cedar, Neb.	Borg, Blanche.....Porter, Ind.
Bartle, Jennie.....Scott, Ind.	Bose, Leona.....St. Joe, Ind.
Baumgartner, Mrs. John.....	Boutwell, Anna....Gallatin, Ill.
.....Monroe, Ark.	Bowyer, L. V.....Paulding, Ohio
Baxter, Bryan.....Steuben, Ind.	Boyce, Lottie.....Douglas, Ill.
Baxter, L. K.....Williams, Ohio	Boyle, Joseph.....Pulaski, Ind.
Beasley, Noble.....Monroe, Ohio	Brandt, Henryetta..Delaware, Ind.
	Branham, Katherine..Allen, Ind.

Brayfield, Winsor....	Franklin, Ill.	Daley, Marie.....	Cass, Ind.
Breskin, Mamie....	LaPorte, Ind.	Daley, Nellie.....	Cass, Ind.
Breskin, Lillian....	LaPorte, Ind.	Danielson, Grace....	LaPorte, Ind.
Brewer, Vern O....	Marshall, Ind.	Danielson, Mayme..	LaPorte, Ind.
Brinker, Laura....	Pulaski, Ind.	Daugherty, Laura....	Adam, Pa.
Brook, Ella.....	Newton, Ind.	Davenport, Hazel..	Marshall, Ind.
Brosius, Doris....	Kosciusko, Ind.	Davies, Elvira.....	Lake, Ind.
Brower, Ivan.....	Miami, Ind.	Davis, Frank..	Bartholomew, Ind.
Bruner, Lola....	Blue Earth, Minn.	Davis, Harold.....	Henry, Ind.
Bryant, Mary.....	Porter, Ind.	Dawson, Florence....	White, Ind.
Bryant, R. B.....	Effingham, Ill.	Dawson, Mrs. C. P....	Jay, Ind.
Bryant, Lela M.....	Lake, Ind.	De Armond, Mayme..	Jasper, Ind.
Bulleit, Frank....	Harrison, Ind.	De Cello, Louis M..	Monroe, Ind.
Bunger, Ivan....	Switzerland, Ind.	Delahanty, Lela....	Jasper, Ind.
Bunnell, Edna M....	Starke, Ind.	Dickey, Mayme.....	Scott, Ind.
Burwell, Hazel....	Marshall, Ind.	Dilley, Vera.....	Porter, Ind.
Butler, Ethel A..	Tippecanoe, Ind.	Dizard, Florence....	LaPorte, Ind.
Byrns, Harry.....	Kankakee, Ill.	Gluzak, Myrtle.....	White, Ind.
Caldwell, Marvin....	Boone, Ind.	Donaldson, Earla....	Shelby, Ill.
Cameron, Hazel....	Lake, Ind.	Downen, Norval....	Gallatin, Ill.
Carrothers, Vera....	White, Ind.	Downen, Emmett....	Gallatin, Ill.
Caughell, James L..	Carroll, Ind.	Downey, Fred....	Randolph, Ark.
Champion, Nellie...	Clymers, Ind.	Doyle, Nora.....	Porter, Ind.
Chappell, Jack....	St. Joseph, Ind.	Dugan, Clarence.....	
Chestnut, Ruth....	Coweta, Ga.	.....	Bartholomew, Ind.
Christopherson, Jennie.....		Duncan, Jess.....	White, Ind.
.....	Dodge, Wis.	Dunfee, Joseph T..	LaPorte, Ind.
Christopherson, Lottie.....		Dunn, Edith.....	Lake, Ind.
.....	Dodge, Wis.	Durst, Marie.....	Huntington, Ind.
Cole, Junia Mae.....		Eash, Elizabeth...	LaGrange, Ind.
.....	Switzerland, Ind.	Eash, Irma.....	LaGrange, Ind.
Collier, Orpha....	Newton, Ind.	Eash, Floss.....	LaGrange, Ind.
Collins, T. M....	Comanche, Tex.	Eberst, Josephine....	Lake, Ind.
Collom, Don.....	LaPorte, Ind.	Echterling, Edward E.	Cook, Ill.
Conder, Ernest.....	White, Ind.	Einspahr, Clara.....	Lake, Ind.
Connor, Hannah O..	Pulaski, Ind.	Erb, Marie A.....	Lake, Ind.
Cooper, Henry G....	Madison, Ill.	Erickson, Verna.....	Knox, Ill.
Cooper, August.....	Madison, Ill.	Estabrook, Frank....	Cass, Ind.
Cooper, Clinton....	Decatur, Ill.	Estabrook, Joseph....	Cass, Ind.
Coplin, Nellie.....	Porter, Ind.	Esty, Evelyn.....	Lake, Ind.
Cornish, Ruth.....	Porter, Ind.	Etler, Gladys.....	St. Joseph, Ind.
Courtney, Leland.....		Everse, Cora M....	Ottawa, Mich.
.....	Switzerland, Ind.	Fair, Edith.....	St. Joseph, Ind.
Cox, W. E.....	Wood, Tex.	Farmer, Bernice M...	Wood, Ohio
Crane, Marguerite..	Fountain, Ind.	Fennell, Homer.....	
Creamer, Chloe....	Warren, Ind.	.....	Westmoreland, Pa.
Crecelius, Owen Laughlin....		Feters, Ethel A.....	Cass, Ind.
.....	Davis, Ind.	Finley, J. W.....	Tipton, Ind.
Creel, Floyd B....	De Kalb, Ind.	Fisher, Fred E.....	Harrison, Ind.
Crook, Thurman.....	Cass, Ind.	Fletcher, Emily C...	DuPage, Ill.
Crowe, E. J....	Mt. Henry, N. D.	Flora, Mabel.....	Carroll, Ind.
Crumbo, Eva C.....	White, Ind.	Foltz, Kathleen....	Porter, Ind.
Cummins, Cleta W..	Marshall, Ind.	Foster, Ercel E.....	White, Ind.
Curtiss, Edna.....	Porter, Ind.	Francis, Mary.....	Gallatin, Ill.
		Frank, Freda.....	Beaver, Pa.
		Fred, Edna O.....	Fulton, Ind.
		French, Evelyn M..	Wyoming, Pa.

- Frushour, T. Allen.....Cass, Ind.
 Fry, Herbert.....White, Ind.
 Fuller, Mrs. Nancy Patterson..
Bexar, Tex.
 Gahman, Floyd.....Wells, Ind.
 Gallagher, Agnes...LaPorte, Ind.
 Garnett, Helen M...LaPorte, Ind.
 Gerhard, Vera.....Fountain, Ind.
 Gettler, Esther M.....Lake, Ind.
 Gifford, Marie.....Fulton, Ind.
 Gilbert, John F.....Houston, Tex.
 Gillespie, Van Tuyl..Fulton, Ind.
 Gladden, Mary.....Scott, Ind.
 Gloor, Amelia C.....LaPorte, Ind.
 Goodacre, Grace.....White, Ind.
 Gordon, Russell.....White, Ind.
 Goss, Lena.....Davless, Ind.
 Graham, Rachael..Henderson, Ill.
 Grabman, Martha....Porter, Ind.
 Graves, Henry.....Pulaski, Ill.
 Green, Margaret.....Grant, Ind.
 Greenault, Mary C....Allen, Ind.
 Greenlen, Madge.....Fountain, Ind.
 Groh, Ada.....Floyd, Ind.
 Grossman, Lawrence.....
Marshall, Ind.
 Guckien, Effie.....Carroll, Ind.
 Gwinn, Martha N....Carroll, Ind.
 Haller, Vadna.....LaPorte, Ind.
 Harlor, Thomas.....Allen, Ind.
 Harrington, Opal.....White, Ind.
 Hartley, Nora V....Allegany, Md.
 Hartmann, Emma D.....
New Haven, Conn.
 Harvey, Portia.....Cass, Ind.
 Haschel, Goldia....Pulaski, Ind.
 Hatchett, F. A.....Franklin, Ill.
 Hawkins, Agnes....Pulaski, Ind.
 Headlee, John Fred...White, Ind.
 Healey, Margaret....Cass, Ind.
 Heberling, Ella.....LaPorte, Ind.
 Helfrich, Alberta....White, Ind.
 Hershberger, Gladys DeKalb, Ind.
 Hershman, Bertha....Jasper, Ind.
 Hert, Effie.....Lawrence, Ind.
 Hert, Sadie.....Lawrence, Ind.
 Hilt, Effie A.....Floyd, Ind.
 Hollenback, Ella....Hamilton, Ind.
 Hollan, Lela.....Pike, Ind.
 Hoover, Pearl.....LaPorte, Ind.
 Hubbard, Paul....Randolph, Ind.
 Huffman, Bessie...St. Joseph, Ind.
 Huffman, Mabel....Marshall, Ind.
 Hugli, Rose.....LaPorte, Ind.
 Hunter, Margaret..El Paso, Tex.
 Hurt, Bomar.....Shelby, Tenn.
 Imhof, Marie.....Henry, Iowa
 Johnson, Theresa....Porter, Ind.
 Johnson, Hirrel..Tippecanoe, Ind.
 Jones, Ray F.....Posey, Ind.
 Jones, George.....Gallatin, Ill.
 Jones, R. B....Anne Arundel, Md.
 Jones, Gryace....Hamilton, Ind.
 Jones, Inez B.....LaPorte, Ind.
 Karr, Edna B.....Linn, Iowa
 Keigher, Thomas..Kankakee, Ill.
 Kelsay, Marie.....Tipton, Ind.
 Kennedy, Bertha...Newton, Ind.
 Kent, Ileene.....Whitley, Ind.
 Kern, Crystal O.....Grant, Ind.
 Kilpatrick, Willis.....
Los Angeles, Cal.
 Kistler, Hazel M.....Cass, Ind.
 Koehler, Margaret E.....
Screven, Ga.
 Konzen, Henreitta.....
St. Joseph, Ind.
 Kramer, Ruth.....Jasper, Ind.
 Kunkel, Eva.....Wells, Ind.
 Kyle, Frances.....LaPorte, Ind.
 Le Master, W. Clarence.....
Lawrence, Ind.
 Lambert, Martha...LaPorte, Ind.
 Lambka, Harvey...LaPorte, Ind.
 La Pointe, Maude..Arenae, Mich.
 Lesage, Ed.....Kankakee, Ill.
 Linderfer, Ruth...Garrett, Ind.
 Lindsey, Elma.....Noble, Ind.
 Low, Effie.....Marshall, Ind.
 Lucas, Vlasta.....Starke, Ind.
 Lynch, Mary M.....Cass, Ind.
 Lyon, Katherine G..Crawford, Pa.
 Maddock, Ruth Bartholomew, Ind.
 Madlung, Marie.....White, Ind.
 Malone, Rose.....White, Ind.
 Maloney, Marie.....Jasper, Ind.
 Maloney, Mary E...Whitley, Ind.
 Mangum, J. F....Houston, Tex.
 Manning, Mildred..Pulaski, Ind.
 Marsh, Edith.....Starke, Ind.
 Martin, Vesta.....White, Ind.
 Martin, Ruth E..Van Buren, Mich.
 Mase, Russel.....Bolivar, Ohio
 Masters, Isa. M.....Cass, Ind.
 Matheney, H. W....Porter, Ind.
 May, Mrs. Lillian...Floyd, Ky.
 Meese, Marguerite...Allen, Ind.
 Mellady, Stephen...White, Ind.
 Meredith, Chas. E....Wells, Ind.
 Merkle, Mattie....Aurora, S. D.
 Metcalf, Lotus.....Lake, Ind.
 Meyer, Lester.....LaPorte, Ind.
 Middlestadt, Georgia.White, Ind.
 Miller, Damon P.....
Montgomery, Ind.
 Miller, Hazel E.....Porter, Ind.
 Miller, Wendell...Marshall, Ind.
 Miller, Mae.....Porter, Ind.
 Miller, Georgia...Chas Mix, S. D.
 Minnick, Lisle.....Cass, Ind.
 Mitch, Lou J.....Lake, Ind.
 Mitchell, Mabel....Green, Ohio
 Mobley, Horace....Gallatin, Ill.
 Montgomery, Vernelle Gibson, Ind.
 Morrison, Mary.....Floyd, Ind.
 Mott, Leah.....Hamilton, Ind.
 Motz, Foster E....Marshall, Ind.
 Maxson, Mabel E....Cass, Ind.
 Moyer, Mr. Wilbur..Gallatin, Ill.
 Moyer, Milo.....Marshall, Ind.
 Mulloy, May Agnes.Kankakee, Ill.
 Mummey, Adam....Marshall, Ind.
 Murray, M. Ruth..Kankakee, Ill.
 Myers, Ralph R....Koseioski, Ill.
 McCarty, Minnie....Lake, Ind.
 McCullough, Fern...Scott, Ind.
 McDonald, Vista...Morgan, Ohio
 McFadden, Naomi.....
Huntington, Ind.
 McFadden, Vida.Huntington, Ind.

McGuire, Camilla..Hamilton, Ohio
 McKay, Jennie....Jefferson, Ind.
 McKee, Bessie.....White, Ind.
 McLaughlin, Hazel..Pulaski, Ind.
 McLaughlin, Sarah....Lake, Ind.
 McLaughlin, Geo.....
St. Joseph, Ind.
 McMullen.....Davies, Ind.
 Nelson, Emelia.....Starke, Ind.
 Nickel, Elsie.....Porter, Ind.
 Noel, Claude L.....Cass, Ind.
 Nolan, Helen.....Porter, Ind.
 Noland, Eva.....Porter, Ind.
 Norman, Edith.....Wills, Ill.
 Norris, Neva.....LaPorte, Ind.
 Norris, Lucile....St. Joseph, Ind.
 Olvey, La Rae....Hamilton, Ind.
 Ormsby, Regina..Hancock, Iowa
 Ottis, Ticen.....Clinton, Ind.
 Overton, Helen....Howard, Ind.
 Overy, George.....White, Ind.
 Patch, Bessie A....Starke, Ind.
 Pearson, Salvan L....Gibson, Ind.
 Peters, Alma.....Carroll, Ind.
 Peter, Garrett.....Clinton, Ind.
 Pierce, Birdie.....Newton, Ind.
 Pinney, Bertha....Porter, Ind.
 Pogue, Emma.....White, Ind.
 Pope, Gladys M....Iroquois, Ill.
 Potts, Beulah.....Newton, Ind.
 Powell, Viola.....Cass, Ind.
 Powell, Irma L.....Jay, Ind.
 Powell, Mrs. Kathryn.....
Shelby, Tenn.
 Pratt, Edith M.....Cass, Ind.
 Pressler, Harland...Noble, Ind.
 Pribble, Russell...Warren, Ind.
 Price, Anna.....Starke, Ind.
 Prill, Rokie.....Allen, Ind.
 Quinn, Norienne...LaPorte, Ind.
 Raehrs, Emery Chester Ottawa, O.
 Ray, Josie.....Perry, Ind.
 Rayl, Roy.....Tipton, Ind.
 Ream, Ruth.....Pulaski, Ind.
 Rech, Esther....Big Horn, Wyo.
 Rech, Edith P....Big Horn, Wyo.
 Reed, Paul B.....Warrick, Ind.
 Reese, Leila.....Porter, Ind.
 Reeves, Rilla....LaPorte, Ind.
 Renberger, Bessie.....Cass, Ind.
 Reynolds, Ruby....Marshall, Ind.
 Reynolds, Ira W..Marshall, Ind.
 Reynolds, Ethel...Marshall, Ind.
 Reynolds, L. Maud...Floyd, Ind.
 Riblett, Victor B..Hamilton, Ind.
 Rice, Carl.....Spencer, Ind.
 Riecke, Anna....White Co., Ind.
 Rodgers, Zoa.....Starke, Ind.
 Roler, Luther.....Tipton, Ind.
 Roulette, Ivola...Pulaski, Ill.
 Rowland, Mary....Jackson, Ind.
 Ruppelt, Etta C....Hardin, Iowa
 Russell, Janet A.....
St. Joseph, Ind.
 Rutledge, Mrs. L. D.....
Weakly, Tenn.
 Sanders, Orth B.....Ford, Ill.
 Sanderson, Veva...Henderson, Ill.
 Saylor, Hazel...Washington, Ark.
 Saylor, Chester.....Porter, Ind.

Scheldt, Edna.....Lake, Ind.
 Schlademan, Lois M...White, Ind.
 Schwartz, Helen.....Knox, Ind.
 Scifert, Olive.....White, Ind.
 Scott, Tillie.....Marshall, Ind.
 Shortz, Oma.....Pulaski, Ind.
 Scott, Katie.....Moultrie, Ill.
 Scott, Mary S.....Lawpasas, Tex.
 Seybold, Pearl...St. Joseph, Ind.
 Sexson, J. B.....Knox, Ind.
 Shank, Maude.....Pulaski, Ind.
 Shaul, Noble.....Warrick, Ind.
 Shawcroft, Grace....Lake, Ind.
 Shea, Josephine.....Scott, Ind.
 Sheehan, Ruth.....Allen, Ind.
 Shirley, Mary.....Davies, Ind.
 Schmeltz, Bertha..St. Joseph, Ind.
 Shurte, Mary C....LaPorte, Ind.
 Sinex, Ida M.....Floyd, Ind.
 Sites, Mary.....Huntington, Ind.
 Skinner, D. T.....Garrard, Ky.
 Slimp, Willie.....Davies, Ind.
 Smart, Boyd.....Newton, Ind.
 Smith, Mabel F....Pulaski, Ind.
 Smith, Edgar P....Whitley, Ind.
 Smith, Frances....Whitley, Ind.
 Smith, Chas. F...Armstrong, Pa.
 Smith, Forest J....Starke, Ind.
 Smith, Charles....Harrison, Ind.
 Smitha, Reba.....Decatur, Ind.
 Sneed, Corinne....Shelby, Tenn.
 Snodgrass, John F.....
Marion, W. Va.
 Snyder, Edna.....Carroll, Ind.
 Snyder, Minnie....Marshall, Ind.
 Sorgenfrei, Harold...Noble, Ind.
 Sonburg, Esther...LaPorte, Ind.
 Sparmuth, Edna..Hamilton, Ind.
 Stafford, Harold.....Cass, Ind.
 Steele, Edith L....LaPorte, Ind.
 Stephenson, Florence Starke, Ind.
 Stewart, Susie...Switzerland, Ind.
 Stock, Evelyn....Newton, Ind.
 Stover, Mildred...St. Joseph, Ind.
 Studebaker, Veral...Cass, Ind.
 Swabey, Laura.....Brems, Ind.
 Swallow, Edythe....Rush, Ind.
 Swartz, Lillian....St. Joe, Ind.
 Swartz, Marie.....Allen, Ind.
 Tangl, Geo.....Porter, Ind.
 Taylor, Marian....LaPorte, Ind.
 Thielen, Emma M....Henry, Ill.
 Thomas, Esther....Scott, Ind.
 Thomas, Mary.....Scott, Ind.
 Thompson, Arthur..Franklin, Ill.
 Thompson, Eunice...Tipton, Ind.
 Thompson, Florence..White, Ind.
 Tinker, Lavinia....Vernon, Wis.
 Tobias, Estella....Jennings, Ind.
 Todd, Marion.....Allen, Ind.
 Toseland, Coral....Porter, Ind.
 Travis, James K....LaPorte, Ind.
 Treanor, Carolyn....Pike, Ind.
 Troutman, O. S.....Fulton, Ind.
 Tubbs, Edwin.....Benton, Ind.
 Turner, Besse...Switzerland, Ind.
 Tyndall, Frances...Mason, Mich.
 Underwood, Walter..LaPorte, Ind.
 Valentine, W. O....Tioga, N. Y.
 Vaughn, Sherrod....St. Joe, Ind.

Vore, Claud E....Stephenson, Ill.	Wiegand, Ida A.....Door, Wis.
Voyce, Agnes Hill..Lake Co., Ill.	Wiley, J. Austin.....Noble, Ind.
Wallace, Ida.....Aurora, S. D.	Williams, Agnes...Marshall, Ind.
Warden, Ross.....Tipton, Ind.	Williams, Vera.....Porter, Ind.
Warne, Ray.....White, Ind.	Williams, Flossie...Newton, Ind.
Warner, Edna....Hamilton, Ind.	Williamson, Clinton..Newton, Ind.
Wasilanskas, Joseph...Cook, Ill.	Willison, Lancelot..Spencer, Ind.
Weaver, Camilla....Newton, Ind.	Willson, Florence..LaPorte, Ind.
Webb, Forest L.....Rush, Ind.	Wilson, Reed W.....Davies, Ind.
Webster, Mabelle.....Allen, Ind.	Wood, Myrtle....St. Joseph, Ind.
Weidner, Paul.....Clinton, Ind.	Wood, Berenice.....Porter, Ind.
Weiss, Geneva.....Porter, Ind.	Wood Helen E.....Porter, Ind.
Weissert, Clara E..Marshall, Ind.	Woodling, R. L.....Cass, Ind.
Welch, Mabel.....Mercer, Pa.	Yark, Orpha.....Marshall, Ind.
Welch, Alma.....Porter, Ind.	Yost, David F.....White, Ind.
Welty, Olie.....Porter, Ind.	Young, Ruby Mae....Porter, Ind.
West, Stella M....Fayette, Ohio	Zimmerman, Myers E.....
Wetter, Bessie J....Porter, Ind.	.....Schuylkill, Pa.

DEPARTMENT OF KINDERGARTEN METHODS.

Graduates of 1914.

Diploma.

Doty, Clara Floss...Edwards, Ill.	Grove, Elizabeth..Kosciusko, Ind.
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Certificate.

Gibson, F. Leona...Berrien, Wis.	McDermott, Margaret V.....
Irwin, Selena M....Sanilac, Mich.Washington, Pa.

Class of 1914-1915.

Bishop, Julia...St. Frances, Ark.	Larrick, Maye..Montgomery, Ind.
Bowles, Katherine.....	Marty, Agnes M.....Green, Wis.
.....McDutash, Okla.	Merritt, Fern.....Wayne, Iowa
Christianson, Esther..Dunn, Wis.	McDermott, Margaret.....
Hartwell, Sara M.....	.....Washington, Pa.
.....Litchfield, Conn.	New, Charlotte.....Cook, Ill.
Irwin, Selena M..Lambton, Can.	Seitz, Isabel...Vanderburg, Ind.
Lewis, S. Stanford.....	Smith, Mrs. Maude P.....
.....Albemarle, Va.	.....Uintah, Utah
Long, Marguerite M.....	Steeckley, Mabel....DeKalb, Ind.
.....Shawnee, Kas.	Tuttle, Libbie..Blue Earth, Minn.
	Timmons, Marie.....Porter, Ind.

DEPARTMENT OF PRIMARY METHODS.

Graduates of 1914.

Diploma.

Burden, Estella....Marshall, Ind.	Lunder, Anna L....Lincoln, S. D.
Gibson, F. Leona..Waushara, Wis.	Oswald, Dora.....Bond, Ill.
Hustad, Selma.....Green, Wis.	Rogge, Martha.....Cook, Ill.

Certificate.

Billman, Ruth.....Noble, Ind.	Stevens, Mayme....Licking, Ohio
Cope, Marguerite...Porter, Ind.	Waegener, Dora.....Lee, Iowa
Fisk, Berta.....Pulaski, Ark.	Williams, Estelle H...Ida, Iowa
Lipp, Mary Frances..Monroe, Mo.	Terry, Mrs. Mayme..DeKalb, Ill.
Powell, Kathryn...Shelby, Tenn.	Trautman, E. Pauline.....
Seimers, Sophia..Sheboygan, Wis.	.....Ashtabula, Ohio

Class of 1914-1915.

Albey, Helen Irene..Essex, N. J.	McDaniel, Grace...Warrick, Ind.
Annis, Zora.....St. Josepn, Ind.	McElroy, Gertrude Frances...
Baertsch, Olga.....Buffalo, Wis.	.....Mahoning, Ohio
Bevis, Julielabel....Randolph, Ala.	McLean, Christena G.....
Billing, A. E.....Cornwall, Eng.	.....Canadian, Okla.
Birk, Russell.....Jasper, Ill.	O'Brien, Ellen.....Jackson, Wis.
Birk, Grace.....Jasper, Ill.	Oswald, Dora.....Bond, Ill.
Burden, Estella....Marshall, Ind.	Phipps, Cecile..Huntington, Ind.
Christley, Zoe.....Cook, Ill.	Poole, Grace.....Benton, Ind.
Catton, Phila E.....	Price, Cora.....LaGrange, Ind.
.....Chippewa, Mich.	Putnam, Edna.....Lake, Ind.
Comstock, Anna M...Porter, Ind.	Ray, Edith Maude..Hancock, Ia.
Dilley, Frances.....Porter, Ind.	Shelton, V. Rosa.....
Duckworth, Bradley B.....	.....Chesterton, W. Va.
.....Red Willow, Neb.	Smith, Pauline....Tipton, Tenn.
Edgren, Esther L. Hancock, Iowa	Smith, Minta.....Tattnall, Ga.
Gallagher, Mary A.....	Smith, Lula.....Tattnall, Ga.
.....Allegheny, Pa.	Stebbins, Marjorie Doer.....
Gregory, D. L.....Attala, Miss.	.....Bexas, Tex.
Hays, Anna.....Starke, Ind.	Swafford, Hazel.Kalkaska, Mich.
Hodges, Lela H....Macoupin, Ill.	Vella, Ninetta.....Porter, Ind.
Hughes, Ellen.....White, Ind.	Wagner, Faye.....Mesa, Col.
Jackson, Sallie....Sherman, Tex.	Weser, Elsie.....Grant, Ind.
Jeffers, Irene....Randolph, Ala.	Wein, Lois.....Allen, Ohio
Kays, Anna.....Starke, Ind.	Westfall, Isla.....White, Ill.
Marquart, Martha...Porter, Ind.	Zihlman, Margaret..Henry, Iowa
Matthews, Evelyn..Fremont, Id.	Zindel, Blanche.....Centre, Pa.

DEPARTMENT OF MANUAL TRAINING.

Graduates of 1914.

Degree of Bachelor of Manual Training.

Annis, Arthur A...Marshall, Ind.	Lawalin, Fred E.....Perry, Ind.
Bentley, Hurbert F...Erie, N. Y.	McElhiney, Moses M.....
Coffelt, Noah A...Champaign, O.	.....Gibson, Ind.
Crist, Roswell Woodward....	Parsell, Charles C.Steuben, Ind.
.....Niagara, N. Y.	Ritter, Lola Ethel...Knox, Ind.
Cutting, Harold J.Oxford, Maine	Roof, Frank.....Wells, Ind.
Cutting, Carroll O.Oxford, Maine	Snyder, Elmer A....Mercer, Pa.
Epps, Alfred G....Luzerne, Pa.	Steger, Florentine Anna.....
Gibson, Albert....Caldwell, Mo.	.....Grant, Minn.
Griffin, Dale F.Los Angeles, Cal.	Tuthill, Harry G....Wayne, Pa.
Hardy, Albert I....Iroquois, Ill.	Waid, Harrison Edward.....
Hardy, John E....Iroquois, Ill.	.....King, Wash.
Hershiser, Cecil....Ionia, Mich.	Wicker, Clarence K.....
Hyde, Maurice E....Perry, Ind.	.....Niagara, N. Y.
Lantis, Alfred..Shiawassee, Mich.	Woods, Sam E.....Lamar, Miss.

Class of 1914-1915.

Amonino, Anthony B.....	Graverson, T. E....Marshall, Ind.
.....Marquette, Mich.	Greenwood, Henry L.....
Annis, A. Arthur...Porter, Ind.	.....Manitowoc, Wis.
Astrous, A. L.....Cook, Ill.	Grieger, Edward...LaPorte, Ind.
Barney, Adelbert..Whitley, Ind.	Griest, Cyrus H....Clark, Ohio
Buezis, Charles.....Bureau, Ill.	Grilliot, Lawrence.....
Callison, H. D.....Clark, Ohio	.....Montgomery, Ohio
Cameron, Queenie..Henry, Tenn.	Gubrels, Richard.Hamilton, Ohio
Cargill, Max.....Jackson, Wis.	Hansen, Roland.....
Chenoweth, Grant...Wells, Ind.	.....Manitowoc, Wis.
Clarkson, Ernest...Newton, Ind.	Heisler, W. Fred.Kosciusko, Ind.
Coburn, James L.....	Herrick, Glenn...Fountain, Ind.
.....Shiawassee, Mich.	Hill, J. J.....Clayton, Iowa
Conklin, Howard...Prange, N. Y.	Hoeffler, Harold H....Erie, N. Y.
Fulwider, Chas. O....Boone, Ind.	Hoge, Lewis.....Porter, Ind.

Horn, R. Willis.....	Logan, Ill.	McFarland, Nye....	Marshall, Ind.
Huff, Levi.....	Louisa, Iowa	Parsell, Chas. C....	Steuben, Ind.
Ireland, J. F.....	Miami, Ohio	Pearson, Myron R....	Miami, Ohio
Jones, W. E.....	Calloway, Ky.	Raive, J. R.....	Steuben, Ind.
Jones, W. E.....	Calloway, Ky.	Rann, L. J....	Shiawassee, Mich.
Judkins, Muriel....	Knox, Maine	Reynolds, F. L.....	Pratt, Kas.
Lanterman, C. B....	Marion, Ill.	Southwick, E. N....	Wabanssee, Kas.
Lee, Sheldon.....	Perry, Ind.	Steele, Fred.....	Gibson, Ind.
Long, Ray.....	Wells, Ind.	Stewart, Albert...	Allegheny, Pa.
Lus, J.....	Cook, Ill.	Strikol, Albert	Montgomery, N. Y.
Matheny, Eva.....	Floyd, Ind.	Tamminen, Leander.....	
Mayle, Francis T...	Niagara, N. Y.	.....	Houghton, Mich.
Miller, Earl B.....	Wells, Ind.	Treese, H. C.....	Indiana, Pa.
Moore, Brooks Robert.....	Wells, Ind.	White, Ray H.....	Erie, N. Y.
.....	Wells, Ind.	Wright, James W...	Putnam, Ind.
Mowery, Harry B...	Lancaster, Pa.		

DEPARTMENT OF EDUCATION.

Graduates of 1914.

Degree of Master of Pedagogy.

Baumgartner, John.	Monroe, Ark.	Koch, Rudolph.....	Knox, Ind.
Bennett, H. Omer....	Boone, Ind.	Landers, J. Alvin..	Winton, Miss.
Conroy, Mayme....	Mitchell, Kas.	Mayer-Oakes, G. H.....	
Eherenmann, Lloyd B.....		.....	New London, Conn.
.....	Marshall, Ind.	McDonald, Catherine.....	
French, Arthur Earl..	Wells, Ind.	.....	Genessee, Mich.
Fulsher, Hiram G...	Alcona, Mich.	Merrill, R. Ray....	Bradford, Pa.
Howlett, Berton A.....		Romig, Mary Goss.....	
.....	Cattaragus, N. Y.	.....	Greenwood, Kas.
Johnson, D. B. R...	Alfalfa, Okla.	Shafer, Benjamin Franklin...	
Johnson, Mrs. Pearl W.....		.....	Richland, Ill.
.....	Alfalfa, Okla.	Smith, Wilbur Forrest.....	
Kolmer, Edward Henry.....		.....	Porter, Ind.
.....	Monroe, Ill.	Whisenhunt, Maud....	Caddo, La.

Degree of Bachelor of Pedagogy.

Agar, Frances W.....		Goshorn, John S....	Wayne, Ohio
.....	Chippewa, Mich.	Harman, Richard...	Seneca, N. Y.
Bassow, Solomon H.....		Hatch, Allie.....	Brown, Ill.
.....	New York, N. Y.	Hester, Robert J...	Elarbee, Miss.
Beshears, Bula Vaneva..	Lake, Ill.	Jeffrey, Lawrence W.....	
Beshears, Buna Vista..	Lake, Ill.	.....	Harrison, Miss.
Broyles, Lucien E.....		Johnson, Alma C....	Boone, Iowa
.....	Washington, Tenn.	Keller, Edna.....	Crawford, Ohio
Colligon, Anthony Bernard....		Klima, Hazel Vera..	Stelle, Minn.
.....	Atlantic, N. J.	Laudenslager, Lulu Mabel....	
Daniels, Sophia M....	Cass, N. D.	.....	Schuylkill, Pa.
DeBolt, Edward....	Daviess, Ind.	Leach, Flora E.....	Cass, Ind.
Dickinson, Elizabeth.....		Marino, Charles Arthur.....	
.....	Oswego, N. Y.	.....	Nassau, N. Y.
Doan, Mabel.....	Clinton, Ohio	Marino, John Michael.....	
Donohue, Olive.....	Porter, Ind.	.....	Nassau, N. Y.
Ellis, Thomas F....	McLean, Ky.	McCall, Ethel.....	Vernon, Wis.
Emerson, Frances E.....		McCall, Merle.....	Vernon, Wis.
.....	Marshall, Ind.	McElhiney, Moses...	Gibson, Ind.
Ernsberger, Bernice.....		McGregor, Katherine.....	
.....	Kosciusko, Ind.	.....	Waupaca, Wis.
Fay, Henrietta K....	Porter, Ind.	McKesson, Alva...	St. Joseph, Ind.
Green, Edna.....	Whiteside, Ill.	Owens, W. B.....	Johnson, Ind.
Greenawalt, George L.	Allen, Ind.	Parsons, Earl V....	Wood, W. Va.
Goddard, H. A.....	Miller, Ark.		

Class of 1914-1915.

- Acree, Mitchell S....Searcy, Ark.
 Altfather, Leora....Somerset, Pa.
 Anderson, Alex....Franklin, Miss.
 Anderson, Gladys....Porter, Ind.
 Anderson, Chas....Jackson, Ind.
 Arbuckle, Howard....Rush, Ind.
 Arndt, Clara.....Starke, Ind.
 Arnold, Vivian....Ottawa, Mich.
 Atwood, Gladys...Litchfield, Conn.
 Baertsch, Olga....Buffalo, Wis.
 Bailey, Lura Lee....Porter, Ind.
 Baker, N. A....Houghton, Mich.
 Barclay, A. Ewing...Beaver, Pa.
 Barker, Maurice E. Gibson, Tenn.
 Barr, Hobart.....Starke, Ind.
 Baumgartner, John, Monroe, Ark.
 Beard, A. B....Williamson, Tenn.
 Bedford, James H.....
 Berkshire, Mass.
 Bockstahler, Lester, Spencer, Ind.
 Berkshire, Mass.
 Bible, E. J.....Dade, Ga.
 Bodine, Eva Pearl....Shelby, Ill.
 Bolotin, Anita....Brooklyn, N. Y.
 Bondzinski, Julia....Cook, Ill.
 Booth, Nellie.....Kenton, Ky.
 Breeze, Retha....Jefferson, Ill.
 Breeze, Edith A....Adams, Ill.
 Brewer, Emily....Mahaska, Iowa
 Brinker, Laura....Pulaski, Ind.
 Brook, Ella....Newton, Ind.
 Brooks, Margaret....Allen, Ind.
 Brown, W. Guy....Decatur, Ind.
 Brown, Ruth B....Steuben, Ind.
 Broyles, L. E. Washington, Tenn.
 Brunner, Blanche....Weld, Col.
 Bruns, Minnie....Porter, Ind.
 Buchtel, Wm....St. Joseph, Ind.
 Bulzlis, Charles....Bureau, Ill.
 Bulleit, Frank....Harrison, Ind.
 Bump, Orlando A.....
 Huntington, Ind.
 Burden, Estella....Marshall, Ind.
 Burgher, Myrtle....Phelps, Mo.
 Burke, Edward....Williams, N. D.
 Burns, Nelle....Benton, Ind.
 Burnside, Charles...Newton, Ind.
 Cage, Hazel....Tipton, Ind.
 Callison, H. D....Clark, Ohio
 Carter, Albert....Morgan, W. Va.
 Casto, E. L....Jackson, W. Va.
 Caughell, James....Carroll, Ind.
 Champion, Nellie....Cass, Ind.
 Clark, Minerva....Gibson, Ind.
 Clarke, F. P....Morgan, Ohio
 Clausen, H. C....Grovertown, Ind.
 Cline, Myrtle...Huntingdon, Pa.
 Cobb, Geneva....Porter, Ind.
 Cole, Junia May.....
 Switzerland, Ind.
 Collins, T. M....Comanche, Tex.
 Conder, Ernest....Benton, Ind.
 Conner, Mary....Barton, Ga.
 Conroy, Elliot....Lake, Ind.
 Cope, Marguerite....Johnson, Ill.
 Copp, Mabel....Marshall, Ind.
 Corl, Elma....Marshall, Ind.
 Cotten, James J....Franklin, Miss.
 Cotton, Albert F.....Rush, Ind.
 Cox, W. E.....Wood, Tex.
 Croka, Minnie...Kingfisher, Okla.
 Crane, Marguerite, Fountain, Ind.
 Cullom, Don.....LaPorte, Ind.
 Curtis, Deborah....Richland, Ill.
 Custard, Wm. Arizona.....
 Jasper, Ind.
 Daniels, John.....Clinton, Ill.
 Daugherty, Laura....Adams, Ind.
 Davis, D. W.....Jefferson, Tex.
 DeBolt, Edward....Davies, Ind.
 Demaree, Glenn....Ripley, Ind.
 Dey, Van B....Waukesha, Wis.
 Dickinson, Elizabeth.....
 Oswego, N. Y.
 Dizard, Florence...LaPorte, Ind.
 Domingo, Bartolome.....
 Philippine Islands
 Drazer, Katherine...Porter, Ind.
 Dunlap, Addie.....Rock, Wis.
 Dush, Willa M....Shelby, Ill.
 Edman, John M....Cook, Ill.
 Edwards, Mabel....Fulton, Pa.
 Elick, Jennie.....Wells, Ind.
 Ellis, T. F....McLean, Ky.
 Epperson, A. C....Jefferson, Ill.
 Estabrook, Joseph....Cass, Ind.
 Eynck, J. F....Stearns, Minn.
 Falkenthal, Louis...Starke, Ind.
 Feldmann, Dora....Jasper, Ind.
 Finkle, Richard....Porter, Ind.
 Finley, Anna C...Saginaw, Mich.
 Finley, J. W....Tipton, Ind.
 Firebaugh, Lela....Pulaski, Ind.
 Fischer, Alma....LaPorte, Ind.
 Forrester, Pearl M...Fayette, Ill.
 Foster, Herbert....Fulton, Ind.
 Frank, Freda....Beaver, Pa.
 Frantz, Grant....Wells, Ind.
 Frost, Joseph....Lake, Ind.
 Fuguitt, G. V....Perry, Ky.
 Gahmon, Floyd....Wells, Ind.
 Galin, Peter....Porter, Ind.
 Gannon, Georgia...LaPorte, Ind.
 Gardner, Will G....Mesa, Col.
 Gardner, L. C....Kossuth, Iowa
 Garman, Georgianna.....
 LaPorte, Ind.
 Gerhardt, Vera....Fountain, Ind.
 Gibson, Leona....Waushara, Wis.
 Gifford, Marie....Fulton, Ind.
 Gillespie, Van Tuyl...Fulton, Ind.
 Gilmore, Glen....Green, Mo.
 Gitchell, Mary L.....
 Washington, Ohio
 Goddard, H. A....Miller, Ark.
 Goddard, Myrtle...Osonto, Wis.
 Gonsolin, Rose....Sank, Wis.
 Good, Fern....Starke, Ind.
 Goodwin, Willette...LaPorte, Ind.
 Goodwin, Beatrice B...Cass, Ind.
 Goodwyn, Hilton....Bruns, Va.
 Gravez, Josie....Perry, Ind.
 Gravez, Clara....Perry, Ind.
 Greenawalt, G. L....Allen, Ind.
 Greenhaigh, Sara....Polk, Iowa
 Greenley, Madge...Fountain, Ind.

- Griest, C. H.....Clark, Ohio
 Gustafson, Constance..Lake, Ind.
 Hammann, Army H. Buffalo, Wis.
 Harmon, Eva.....Rhea, Tenn.
 Hartman, Emma.....
New Haven, Conn.
 Hayes, Grace.....Cook, Ill.
 Herbstler, Pearl....Marshall, Ind.
 Hershberger, Gladys.....
DeKalb, Ind.
 Herzog, Mercedes.....
Montgomery, Ohio
 Hess, Alma.....Lake, Ind.
 Hester, Robert.....Harrison, Miss.
 Hickner, Frank.....Tipton, Ind.
 Hill, J. J.....Clayton, Iowa
 Hogg, Charles R.....Wells, Ind.
 Hoover, Louise.....Porter, Ind.
 Hoover, Millie.....Pulaski, Ind.
 Horton, Edmund Earl..Noble, O.
 Hunt, Chas. G.....LaPorte, Ind.
 Hunt, Chas. G.....LaPorte, Ind.
 Hustad, Selma.....Green, Wis.
 Ingram, Mrs. Alice..Porter, Ind.
 Jackson, Sallie....Sherman, Tex.
 Jernigan, Zebble R.....
Franklin, Miss.
 Johansson, Bjorn.Pembing, N. D.
 Johnson, Edith....Albany, Wyo.
 Johnson, Jay G.....Fayette, Ky.
 Johnson, Hirrel.Tippecanoe, Ind.
 Johnson, W. E.....White, Ill.
 Jones, William S.....Porter, Ind.
 Jones, Minnie L....LaPorte, Ind.
 Jones, Ruth W....Oakland, Mich.
 Jones, Nellie.....Mason, Ill.
 Jones, Ray.....Posey, Ind.
 Jones, G. S.....Spencer, Ind.
 Judd, Loyd.....Sumner, Kas.
 Julio, Laura.....Houghton, Mich.
 Kallstead, A. C....Alameda, Cal.
 Karalus, A.....Chicago, Ill.
 Keener, Oris.....Cass, Ind.
 Keightly, Ola.....Fazewell, Ill.
 Keller, Carrie.....Fulton, Ind.
 Kendall, Katherine.....
Plymouth, Mass.
 Kieffer, Anna L.....Rana, Ill.
 Kistler, Hazel.....Cass, Ind.
 Kitchens, Jesse.....Walker, Ala.
 Kline, Wm.....Huntington, Ind.
 Knicely, Gertrude.Muskingum, O.
 Knotts, Dollie.....Lake, Ind.
 Kohlmeyer, Henry..Gibson, Ind.
 Kohnz, Lewis.....Lorain, Ohio
 Kookan, Alma.....Adams, Ind.
 Kraft, Sylvia B.....Starke, Ind.
 Kranse, Georgia..Hamilton, Ind.
 Kreiger, Bella.....Porter, Ind.
 Krost, Esther.....Clinton, Ill.
 Krost, Regina.....Clinton, Ill.
 Kruke, Margaret...Stephen, Ill.
 Kruke, Rhea.....Steben, N. Y.
 Kundert, E. H....McPherson, S. D.
 Kurtz, Gaylord.....Allen, Ind.
 Langley, Laura....Vermillion, Ill.
 Lauder, Archibald.....
Houghton, Mich.
 Lavin, J. J.....Crawford, Ind.
 Lawrence, Eda.....Porter, Ind.
 Leavitt, Velva....Kosciusko, Ind.
 Lelashes, Clement.....
New Haven, Conn.
 Lepak, Andrew..St. Louis, Minn.
 LeRoy, Nora.....Kankakee, Ill.
 Lewis, Samuel.....Luzerne, Pa.
 Lind, Bertha.....Cook, Ill.
 Lindoerfer, Ruth...DeKalb, Ind.
 Lindstedt, Selma....Porter, Ind.
 Lingenfelder, Frank..Lloyd, Iowa
 Linstad, Esther....Molton, N. D.
 Lipp, Frances.....Monroe, Mo.
 Lisius, Fred.....Lake, Ind.
 Little, Alfred W....Porter, Ind.
 Lockhart, C. H....Okmulgee, Okla.
 Loughridge, Roy....Newton, Ind.
 Lucas, Fern A.....Adams, Ill.
 Lundahl, Anna C....Porter, Ind.
 McCall, Grace.....Webster, Neb.
 McCoach, Caroline B.Erie, N. Y.
 McCoach, Laura S....Erie, N. Y.
 McDaniel, Grace...Worriek, Ind.
 McDermott, Margaret.....
Washington, Pa.
 McLaughlin, Hazel..Pulaski, Ind.
 McMahan, J. Freeman.....
Lincoln, Ind.
 McMullen, Chas....Davies, Ind.
 Malone, Rose.....White, Ind.
 Maloney, Marie.....Jasper, Ind.
 Marpe, Mabel.....Marsh, S. D.
 Marsden, Fern.....Porter, Ind.
 Marsh, Henry.....Starke, Ind.
 Martin, Harold O....Newton, Ind.
 Matney, J. G....Lawrence, Ohio
 Mays, Florence....Berrien, Mich.
 Mellady, Stephen....White, Ind.
 Meredith, Erma..Kosciusko, Ind.
 Mier, Ruth.....Fayette, Pa.
 Miller, Lillian L....Iroquois, Ill.
 Miller, Leona.....Jasper, Ind.
 Miller, Carrie.....Rush, Ind.
 Mills, Clarence..Pennington, S. D.
 Minnenean.....Cass, Ind.
 Mitchell, Mabel....Green, Ohio
 Monroe, Mack P....Madison, Ind.
 Morley, E. E.....Mercer, Pa.
 Morris, Estella....Decatur, Ind.
 Morrison, Mary.....Floyd, Ind.
 Mueller, Charles...St. Clair, Ill.
 Neet, Helen H.....Porter, Ind.
 Nelson, Lulu.....Jasper, Ind.
 Nickels, Mary..Vanderburg, Ind.
 Noble, Charles..Switzerland, Ind.
 Norman, Edith.....Will, Ill.
 Norris, Lucile....St. Joseph, Ind.
 Novo, Ramon.....Kings, N. Y.
 Nowicki, Zygmunt.....
Lackawana, Pa.
 Obenchain, Roland.....
St. Joseph, Ind.
 O'Dell, J. Elmer.Nicholas, W. Va.
 Olson, Mabel C....Vernon, Wis.
 Olvey, LaRae.....Hamilton, Ind.
 Ormsby, Regina..Hancock, Iowa
 Orr, Este.....Allen, Ind.
 Osborn, Ethel....LaPorte, Ind.
 Osborne, H. V.....Cook, Ill.
 Overunger, Wm.....Fulton, Ind.

- Palmer, Carmen.....Fulton, Ind.
 Paris, Walter.....Hardin, Ill.
 Parish, Moses.....Madison, Wis.
 Parson, Edith.....LaPorte, Ind.
 Pashkoski, Walter A.....
Lackawanna, Pa.
 Penning, Frieda.....Lake, Ind.
 Peters, Garrett.....Clinton, Ind.
 Peterson, Irene.....LaPorte, Ind.
 Phipps, Cecile.....Huntington, Ind.
 Pike, Ethel.....Pulaski, Ind.
 Pinkerton, Earl.....Huntington, Ind.
 Plant, Jean.....Glasgow, Scotland
 Porros, Lorenzo.....Stoilo, P. I.
 Sampson, Anna.....Hamilton, Iowa
 Saylor, Chester.....Porter, Ind.
 Scheidt, Edna.....Lake, Ind.
 Schlademan, Lois.....White, Ind.
 Schnioke, G. W.....Winona, Minn.
 Shafer, Benj. F.....Richland, Ill.
 Shanaberger, Russell H.....
Fayette, Pa.
 Shankland, Bernard C.....Cass, Ind.
 Shea, Frank.....LaSalle, Ill.
 Sheedy, Ruth.....Benton, Ind.
 Sheviak, Betty.....LaPorte, Ind.
 Shideler, Howard H.....
Huntington, Ind.
 Shinabarger, Nellie.....Porter, Ind.
 Shipman, Hazel.....Fayette, Ill.
 Short, Carrie E.....Jasper, Ind.
 Shuler, W. J.....Gallia, Ohio
 Siegried, Russell.....Clinton, Ind.
 Simmons, W. A.....Barren, Ky.
 Simmons, Geo. H.....LaSalle, Ill.
 Sinex, Ida M.....Floyd, Ind.
 Sites, Edgar.....Grant, W. Va.
 Sites, Mary.....Huntington, Ind.
 Slettedahl, Peter H.....
Lac qui Parle, Minn.
 Smart, Mollie.....Simpson, Ky.
 Smith, Arthur J.....Malcolm, Mich.
 Smith, Alvin J.....Pulaski, Ind.
 Smith, S.....Alleghaney, Pa.
 Smith, Lulu.....Tattual, Ga.
 Smith, Virginia.....Bexas, Tex.
 Smith, Florence C.....Marshall, Ind.
 Snyder, Bessie.....Marshall, Ind.
 Speck, Jennie.....Atchison, Kas.
 Spencer, Jessie.....White, Ind.
 Stafford, Harold.....Cass, Ind.
 Steele, Edith.....LaPorte, Ind.
 Steele, M. E.....Gibson, Ind.
 Steinback, J. J.....Cook, Ill.
 Stephan, Harry C.....
Huntington, Ind.
 Steward, Harrison.....Porter, Ind.
 Steward, Raymond.....Alleghany, Pa.
 Stewart, Frank.....Cass, Ind.
 Stewart, Perry.....Alleghany, Pa.
 Stoltz, A.....Wabash, Ill.
 Stout, Violet.....Pulaski, Ind.
 Stutsman, Walter.....Starke, Ind.
 Summers, Edna.....Porter, Ind.
 Swartz, Lillian.....St. Joseph, Ind.
 Taylor, Maurice H.....Atlantic, N. J.
 Talbott, M. Lewena.....
Winona, Minn.
 Taylor, Earl W.....Switzerland, Ind.
 Taylor, Gray.....Shelby, Tenn.
 Terry, Robert.....Polk, Fla.
 Thomas, Clarbella.....Lee, N. C.
 Thompson, Bertha.....Champaign, O.
 Thompson, Trella.....Marshall, Ind.
 Timmons, Marie.....Porter, Ind.
 Tobias, Estella.....Jennings, Ind.
 Tomastic, Myron.....Grundy, Ill.
 Tomer, Nellie A.....Sangamon, Ill.
 Torrey, Ellis.....Genessee, Mich.
 Townsend, Clarence.....
Sangamon, Ill.
 Trautman, Alvyn.....Fulton, Ind.
 Trautman, Pauline.....Ashtabula, O.
 Tubbs, Edwin.....Benton, Ind.
 Turley, Solomon.....Jasper, Mo.
 Turner, Bertha M.....Floyd, Ind.
 Turner, Edna.....Ottawa, Ohio
 Twinen, J. C.....Noble, Ohio
 Tyler, Gem.....Berrien, Mich.
 Underwood, Walter.....LaPorte, Ind.
 Valasina, Nick.....Schenectady, N. Y.
 Valentine, W. O.....Tioga, N. Y.
 Van Camp, O. C.....Mingo, W. Va.
 Wachsmann, Anna E.....Ripley, Ind.
 Wagner, Nellie.....Stephenson, Ill.
 Wakeman, Frank B.....Otsego, N. Y.
 Walker, Orein E.....Rush, Ind.
 Walter, Lillian M.....Floyd, Ind.
 Warren, Nelle.....Marshall, Ind.
 Washburn, Stella.....Nemaha, Neb.
 Webb, Forest.....Rush, Ind.
 Weidner, Paul.....Clinton, Ind.
 Weiner, Dean H.....Wayne, Ohio
 Weinstein, Mrs. Ruth.....
Porter, Ind.
 Welch, Alma.....Porter, Ind.
 Welch, Mabel.....Mercer, Pa.
 Wente, Erna.....Will, Ill.
 Wesser, Elsie.....Grant, Ind.
 Wetter, Bessie.....Wright, Iowa
 White, Victor.....Starke, Ind.
 Wiegel, Earl J.....Noble, Ind.
 Wilder, Fannie.....Arcadia, La.
 Wiles, Leona.....Hamilton, Ind.
 Wiley, John.....Switzerland, Ind.
 Williams, Vera.....Porter, Ind.
 Williamson, Lee.....Porter, Ind.
 Williamson, W. B.....Porter, Ind.
 Wilson, J. Ralph.....Fayette, Pa.
 Wimer, Nelle.....Fayette, Iowa
 Wood, Helen E.....St. Joseph, Ind.
 Wooden, Russell.....White, Ind.
 Wright, James W.....Putnam, Ind.
 Young, Nellie.....Fountain, Ind.
 Young, F. E.....White, Ind.
 Zechiel, Elva.....Marshall, Ind.
 Ziegler, J. Clyde.....Cumberland, Pa.
 Ziernig, Chas. O.....Philadelphia, Pa.

DEPARTMENT OF ARTS AND SCIENCES.

Degree of Bachelor of Arts.

Graduates of 1914.

Behnke, John E.....	Essex, N. J.	Lockowitz, Edward H.....	
Booth, Charles Edward.....		.....	Racine, Wis.
.....	Putnam, W. Va.	Malczewski, M. W.....	
Cummins, Clyde Manson.....		.....	Allegheny, Pa.
.....	Harrison, Ohio	Miller, Harry F.....	St. Joseph, Ind.
Dawson, Kathryn P.....	Beaver, Pa.	Obenchain, Roland	St. Joseph, Ind.
Ellis, Thomas F.....	McLean, Ky.	Orr, Bert K.....	Lackawanna, Pa.
Eynck, John F.....	Stearns, Minn.	Russell, Raymond F.....	
Franklin, George T.....	Porter, Ind.	.....	Bradford, Pa.
Hurth, Mathias S.....	Meeker, Minn.	Smith, Greta E.....	Barry, Mich.
Kocher, Walter.....	Columbia, Pa.	Snider, Venus M.....	Porter, Ind.

Class of 1914-1915.

Adams, Oral.....	Tipton, Ind.	Johnson, W. E.....	White, Ill.
Amentl, Arne E.....	St. Louis, Minn.	Jones, Almer.....	Dyer, Tenn.
Amsdell, Hettie T.....	Cass, Ind.	Jorgensen, C. A.....	Polk, Iowa
Anderson, Glenn.....	Cass, Ind.	Kendall, Katharine.....	
Ashman, Benj. H.....	Jackson, Miss.	.....	Plymouth, Mass.
Barden, Grace.....	Grafton, N. H.	Kilpatrick, W. B.....	San Diego, Cal.
Barefoot, Chas. R.....	Lucas, Ohio	Kraschin, Walter.....	Suffolk, Mass.
Barker, Maurice E.....	Gibson, Tenn.	Lahde, Martin.....	Racine, Wis.
Bedford, J. H.....	Berkshire, Mass.	Lahde, Baby.....	Racine, Wis.
Blankenship, A.....	Raleigh, W. Va.	Larson, Agnar.....	Denmark
Blevins, L. C.....	Ashe, Va.	Lee, C. F.....	Wirt, W. Va.
Bonewitz, Glenn.....	Huntington, Md.	Long, M. A.....	Hennepin, Minn.
Brownell, C. L.....	Porter, Ind.	Merritt, J. E.....	Lake, Tenn.
Cain, Fred F.....	Lawrence, Ky.	Mier, Ruth.....	Fayette, Pa.
Calkins, Mrs. H. J.....		Minneman, Helen C.....	Cass, Ind.
.....	Stevens, Minn.	Minor, Charles L.....	Jackson, Ark.
Carne, Alfred I.....		Moffett, John H.....	Ireland, Europe
.....	San Francisco, Cal.	Mollanen, G.....	Marquette, Mich.
Carter, A. W.....	Morgan, W. Va.	Olthoff, O. G.....	Hanson, S. D.
Christensen, Andrew.....		Parsons, R. A.....	
.....	Martin, Minn.	Pierce, John F.....	Holly, Col.
Cooper, Vernon.....	Mississippi, Ark.	Quinnell, Helen M.....	Lake, Ind.
Cross, R. R.....	Holmes, Ohio	Rice, E.....	Weakley, Tenn.
De La Fond, Chas.....		Robinette, Elmer I.....	Scott, Va.
.....	Philadelphia, Pa.	Sampson, Anna.....	Hamilton, Iowa
Dudak, J. J.....	Clearfield, Pa.	Shaw, Irwin H.....	Cedar, Mo.
Durdella, Michael.....	Baltimore, Md.	Smith, Walter.....	Knox, Tenn.
Dziura, John.....	Middlesex, Mass.	Stankiewics, W.....	Herkimer, N. Y.
Edwards, Lawrence.....	Early, Ga.	Stoddard, Veda.....	Canyon, Idaho
Englund, Leonard H.....		Strahan, L. S.....	Covington, Miss.
.....	Winona, Minn.	Strizich, Thomas H.....	
Figel, Agnes.....	Cook, Ill.	.....	Houghton, Mich.
Fonken, Helena.....	Ogle, Ill.	Sweiger, Annamae.....	
Forrest, Elsie J.....	Lake, Ind.	.....	Cerro Gordo, Iowa
Frost, Jos. J.....	Lake, Ind.	Szmiytkowski, M.....	
Gordon, Barrett.....	Kings, N. Y.	Take, Lena.....	Porter, Ind.
Green, R. F.....	Koochiching, Minn.	Takel, Shunji.....	Japan
Green, Robert	Koochiching, Minn.	Van Camp, O. C.....	Mingo, W. Va.
Henkel, Arthur G.....		Varhol, John G.....	Dauphin, Pa.
.....	Sweetwater, Wyo.	Vinson, Aubrey.....	McNairy, Tenn.
Herzog, Mercedes.....	Montgomery, O.	Wakeman, Doris L.....	
Hess, E. R.....	Lancaster, Pa.	.....	Chautauqua, N. Y.
Holum, G.....	Lac qui Parle, Minn.	Westfall, James H.....	White, Ill.
Jagmin, John.....	Cook, Ill.	Wiley, John L.....	Switzerland, Ind.
Johnson, Frederick.....	Kent, Tex.	Williams, Amos E.....	Tazewell, Ill.
Jones, Richard A.....		Zerface, James E.....	
.....	Washington, Kas.	.....	Montgomery, Ind.

Degree of Master of Science.

Stone, Raleigh W.....Jay, Ind.

Degree of Bachelor of Science.**Graduates of 1914.**

Alcorn, Georgia...Putnam, Tenn.
 Baker, Emery.....Richland, Ill.
 Berg, Olga C.....Marmon, S. D.
 Bishop, Laura Belle.Tarrant, Tex.
 Bradley, John G.....Perry, Ill.
 Breeze, Retha E.....Jefferson, Ill.
 Carter, Albert W..Morgan, W. Va.
 Clark, Robert W....Fayette, Pa.
 Conroy, Elliott R.....Lake, Ind.
 Corley, Cecil.....Shelby, Ill.
 Daniels, John E.....Clinton, Ill.
 Daniels, Sophia M.....Cass, N. D.
 Demmy, Maurice C.....
Lancaster, Pa.
 Dudak, John J.....Clearfield, Pa.
 Goldberg, Adolph.Allegheny, Pa.
 Goodhue, Maude E.....
Walworth, Wis.
 Goodwyn, H. W.....Henrico, Va.
 Hoge, Lewis.....Auglaize, Ohio
 Holum, Gilbert.....
Lac qui Parle, Minn.
 Isbell, I. I.....Camp, Tex.
 Jessee, H. M.....Porter, Ind.
 Johnson, Lonnie E...Carroll, Ark.
 Jones, Gurley S....Spencer, Ind.
 Keirn, Helen P....Allegheny, Pa.
 Kraschin, Walter...Porter, Ind.
 Lelashes, Clement P.....
New Haven, Conn.
 Lepak, Andrew S. St. Louis, Minn.
 Londenberg, Ella M..Porter, Ind.
 Lyndale, Clarence E...Rush, Ind.
 Martin Wilfred.....Fayette, Pa.

McCall, Vera Grace.....
Webster, Pa.
 McWhirter, Fred E...Mercer, Pa.
 Moffet, John H. K.....Ireland
 Moorman, Carrie.....Rush, Ind.
 Needham, Elza.....Jasper, Ill.
 Nowicki, Zygmunt.....
Lackawanna, Pa.
 Pashkoski, Walter A.....
Lackawanna, Pa.
 Peterson, Perry S...Laporte, Ind.
 Perrine, Charles A...Porter, Ind.
 Plette, G. W. Lloyd...Blair, Pa.
 Reeves, Ollie C.....Fulton, Ky.
 Rodger, John A....New York, N. Y.
 Russell, Raymond F.....
Bradford, Pa.
 Saltzgiver, Frank.Kankakee, Ill.
 Shafer, Carl J.....Richland, Ill.
 Saltzgiver, Samuel D.....
Kankakee, Ill.
 Sharpnack, Lindsay I. Greene, Pa.
 Skrypko, Joseph...Vermillion, Ill.
 Sparks, Dale D.....Porter, Ind.
 Stansbury, Dale F...Warren, Ind.
 Tyler, Gem Sayers.Berrien, Mich.
 Van Camp, O. C....Mingo, W. Va.
 Wanzer, Lottie Louise.....
Trumbull, Ohio
 Weems, Charles M...Porter, Ind.
 Wilcox, B. O.....Franklin, Ill.
 Williams, C. M.....Appling, Ga.
 Wycislik, John F...Cuyahoga, O.
 Zalatoris, Peter J.....Cook, Ill.
 Zerface, James E.....
Montgomery, Ind.

Class of 1914-1915.

Alderson, John H.....Cook, Ill.
 Allen, S. C.....Floyd, Ky.
 Asseff, Ismail....Turkey, Europe
 Bagby, Roe.....Barren, Ky.
 Baird, Catherine...Ohio, W. Va.
 Ballance, L. A.....Union, Ill.
 Basinger, C. L.....Putnam, Ohio
 Belcher, Christian...Noble, Ind.
 Bittner, Christopher...Cook, Ill.
 Bollinger, Miss L...Porter, Ind.
 Boyd, Nettie.....Randolph, Ill.
 Boyum, Andrew.Otter Tail, Minn.
 Bredon, Forrest.Nicholas, W. Va.
 Bronson, William H.....
Providence, R. I.
 Burrus, Franklin...Fayette, Ill.
 Carino, C. P.....Philippines
 Carr, Webster....St. Joseph, Ind.
 Chechulin, Victor...Porter, Ind.
 Christman, N. D.....Monroe, Pa.
 Clark, Ernest.....Newton, Ark.
 Clark, Robert W....Fayette, Pa.

Cole, D. W.....Williamson, Ill.
 Collins, Arthur...Comanche, Tex.
 Conner, B. F.....Archuleta, Col.
 Conover, Garrett D...Porter, Ind.
 Cook, Geo. H.....Champaign, Ill.
 Cooper, Geo. W.....Carter, Ky.
 Corley, Cecil.....Shelby, Ill.
 Cory, W. R. Jr....Sangfield, Ill.
 Cowen, John S....Armstrong, Pa.
 Crumpacker, Wade...Porter, Ind.
 Cummings, Harold...Custer, Mont.
 Cusick, Adeline....Le Salle, Ill.
 Dahl, Andrew L...Douglas, Minn.
 Daniels, Sophia M...Cass, N. D.
 Davis, Bert.....Casper, Wyo.
 Davis, Clare R..Montgomery, Ill.
 Davis, A. G.....Foreman, Ark.
 Davis, D. E.....Davies, Ill.
 Dawson, Paul R...Wolcott, Ind.
 Dean, Earl D.....Broone, N. Y.
 Devney, Anna M...Ashtabula, O.

- Diamondstein, Pauline New York, N. Y.
 Dickinson, L. Rolland Oswego, N. Y.
 Dikselis, A. J. Cook, Ill.
 Draschel, A. J. Oneida, N. Y.
 Driskell, J. L. Houston, Tex.
 Elliott, Hugh J. Canada
 Ellis, Maurice Porter, Ind.
 Escher, Frank Austria, Europe
 Eshleman, Ford P. Atlantic, N. J.
 Evangeloff, R. D. Madison, Ill.
 Farndale, James. St. Louis, Minn.
 Fasciolo, Emilio. Hampden, Mass.
 Fiddler, Elizabeth. Kenosha, Wis.
 Fisher, Frank Wichita, Tex.
 Fletcher, R. Frank. Fayette, Ill.
 Foreman, J. E. Pulaski, Ind.
 Foxworthy, Arlie W. Johnson, Ind.
 Froding, Karl. Winnebago, Ill.
 Gallagher, William. Cook, Ill.
 Gebhardt, Arthur H. La Salle, Ill.
 Gershenuit, Eva. New York, N. Y.
 Glass, C. C. Fayette, Pa.
 Grammer, Albert E. Union, Ill.
 Green, Robert. Roochuling, Minn.
 Green, Anna M. Lansing, Mich.
 Greenawalt, Hazel V. Allen, Ind.
 Gregory, D. L. Attala, Miss.
 Gribow, William. Cook, Ill.
 Grossman, Eugene. St. Clair, Ill.
 Grubbs, J. L. Washington, Pa.
 Greunert, Amanda. Porter, Ind.
 Harper, Riley. Natchitoches, La.
 Harris, J. B. Obion, Tenn.
 Hartzell, Foster. Cumberland, Md.
 Haynes, Mary Belle. Porter, Ind.
 Heard, Glenn. Porter, Ind.
 Heffernan, Vincent. Grant, S. D.
 Heini, Fred. Morton, N. D.
 Heini, Mrs. F. C. New Salem, N. D.
 Heisler, Walter L. Elk, Kas.
 Hess, Crist R. Lane, Pa.
 Hickman, Harry E. Allegheny, Pa.
 Hirsch, Wm. H. Wayne, Mich.
 Hodges, Clarence. Mississippi, Mo.
 Hoeschen, Lawrence. Stearns, Minn.
 Hofelt, John. Westmoreland, Pa.
 Holloman, Geo. T. Randolph, Ill.
 Horton, Edmund Earl. Noble, O.
 Hughes, Arch. Hardin, Tenn.
 Ingram, Mrs. Alice. Auglitz, Ohio
 Jesse, H. M. Porter, Ind.
 Johnson, Robert W. Humboldt, Iowa
 Johnson, Alma C. Boone, Iowa
 Jones, Nellie. Mason, Ill.
 Jones, Wm. Porter, Ind.
 Jones, R. Cook, Ill.
 Jorgensen, Holzer. Newaygo, Mich.
 Kallistead, A. C. Alameda, Cal.
 Kasalovsky, Godlieb. Crawford, Mich.
 Kendall, Dean H. Harris, Tex.
 Kepler, L. S. Porter, Ind.
 Kessler, August H. Monroe, Ill.
 Killiam, David C. Perry, Mo.
 Kitchens, Jesse A. Walker, Ala.
 Klumpner, Geo. Lake, S. D.
 Kokomoor, Franklin. Spencer, Ind.
 Kramer, J. A. New York, N. Y.
 Krost, Regina. Clinton, Ill.
 Krugenstein, E. Dupage, Ill.
 LaGrone, Mrs. Helen. Burleigh, N. D.
 Larson, Agnar. Denmark, Europe
 Lasdine, A. Lake, Ohio
 Latta, T. J. Austria, Europe
 Leggett, J. L. Floyd, Ga.
 Lehman, Ivan C. Allen, Ind.
 Lewis, Phelps. Cook, Ill.
 Libenson, J. Kings, N. Y.
 Lien, Hattie. Vernon, Wis.
 Lincoff, M. M. Allegheny, Pa.
 Lipscomb, Sidney. Tucker, W. Va.
 Loetzerich, Fred G. Vanderburg, Ind.
 Mackey, Lura. Clark, Ohio
 Mackinon, Ethel. Porter, Ind.
 Mackinnon, Geo. Porter, Ind.
 Maddox, E. L. Gibson, Tenn.
 Maldonado, Jose. Porto Rico
 Marino, Chas. A. Nassau, N. Y.
 Marino, John M. Nassau, N. Y.
 Mase, Russell E. Stark, Ohio
 Mason, Carl. Wood, Ohio
 Mather, Paul B. Porter, Ind.
 Melcher, Herbert. Brown, S. D.
 Mengel, H. S. Sangamon, Ill.
 Merriam, F. Houston. Porter, Ind.
 Merwin, Miles. St. Croix, W. Indies
 Meyer, Frank. Pulaski, Ind.
 Miller, E. H. Iroquois, Ill.
 Miller, Lester W. Cerro Gordo, Ia.
 Miller, Chas. S. Blair, Pa.
 Miller, Arthur G. Iroquois, Ill.
 Miller, Donald. Lucas, Ohio
 Mishell, Edward. Essex, N. J.
 Morgan, G. H. Searcy, Ark.
 Morris, Estelle. Decatur, Ind.
 Moser, Lloyd L. Fayette, Pa.
 Moxon, Frank Harold. Dubuque, Iowa
 Mueller, Charles. St. Clair, Ill.
 McAfee, Ernest. Lincoln, Ky.
 McDonald, Leo J. Calhoun, Ill.
 McEndree, Olive. Cass, Ind.
 McLeod, W. E. Logan, Ill.
 Nance, Miles S. Shelby, Ill.
 Nell, F. G. Cass, Ind.
 Nibbick, J. Stewart. Adams, Ind.
 Olden, Arthur M. Union, Ky.
 Oleksy, Andrew. New York, N. Y.
 Olson, Charles. Crawford, Pa.
 O'Rourke, Melrose. Wright, Minn.
 Orr, C. T. Dunklin, Mo.
 Orsburn, Fred D. Knox, Tex.
 Otey, Verna. Cowley, Kas.
 Oxley, Morton E. Parke, Ind.
 Paris, Walter. Hardin, Ill.
 Parke, Ralph. Porter, Ind.
 Parsons, Richard A. Newfoundland

Payne, Oliver C....Suffolk, N. Y.	Snodgrass, Fred C.....
Peer, Walter.....Jasper, Ind.	.....Rapid, Parish, La.
Penn, Ernest B.....Osceola, Fla.	Stager, Stanley...New York, N. Y.
Peterson, John O.....Mason, Mich.	Starling, F. M.....Torrant, Tex.
Pfaffman, Emma.....Noble, Ind.	Steele, Caroline...LaMoure, N. D.
Pfeiffer, Edith M.....Kent, Mich.	Stephenson, Goldie.Jackson, Kas.
Ponton, Joe.....Iroquois, Ill.	Stewart, Raymond Allegheny, Pa.
Porter, Roy T.....Payne, Okla.	Stiritz, J. G.....Venango, Pa.
Prage, Herman.....Harrison, Ind.	Stoltz, Authwin....Wabash, Ill.
Pylant, Kelsie O..Craighead, Ark.	Studabaker, Mildred Porter, Ind.
Ramsey, Robert B.....	Summer, E. L...Lauderdale, Miss.
.....Jefferson, N. Y.	Swanson, J. A....Crowing, Minn.
Ramsey, E. C.....Baltimore, Md.	Thorn, Paul Castleton.....
Reed, La Vada.....Hale, Tex.	.....Wirt, W. Va.
Reynolds, Chapman.....	Townsend, Clarence E.....
.....McCracken, Ky.	.....Sangamon, Ill.
Rhodes, M. H.....Randolph, Ga.	Treese, H. C.....Indiana, Pa.
Rifenburgh, S. A...Bradford, Pa.	Trelour, J. W...Marquette, Mich.
Robertson, C. M...Sangamon, Ill.	Ulanowicz, Vincent A.....
Ross, Charles..Washington, D. C.	.....Allegheny, Pa.
Sadler, Richard E.....	Van Camp, O. C...Mingo, W. Va.
.....Buffalo, Wis.	Varhol, John G....Bergen, N. J.
Sodlier, Richard E.....	Victory, Arnel.....Cameron, Pa.
.....Chippewau, Wis.	Vidikas, C.....Cook, Ill.
Sampson, Anna..Hamilton, Iowa	Voye, W. A.....Pittsburg, Pa.
Schlosser, Herbert K.....	Watrous, Lloyd J...Lawrence, O.
.....Elkhart, Ind.	Wetters, Harry H....Bay, Mich.
Schnebly, John D.....	Wilferth, Henry N...Porter, Ind.
.....Washington, Md.	Wilkerson,, Roy....Allen, Ohio
Schwartz, R. Plato....Jay, Ind.	Williams, C. O.....Cook, Ill.
Seibert, F. R.....Coffee, Ga.	Williamson, Raymond L.....
Shaw, Joseph Harold.Porter, Ind.	.....Porter, Ind.
Shipman, Hazel.....Fayette, Ill.	Woolsey, Clinton.Leelanau, Mich.
Sipple, Julia.....Owen, Ind.	Wright, Jessica....Eaton, Mich.
Smart, Mollie.....Simpson, Ky.	Wright, W. Ward.....Cass, Ind.
Smith, S.....Allegheny, Pa.	Yerex, A. L.....New Zealand
Smith, Chester.....Moody, S. D.	Yerex, Lowell.....New Zealand

DEPARTMENT OF ENGINEERING.

Graduates of 1914.

Degree of Civil Engineering.

Bell, Victor H...San Diego, Cal.	Macdonald, John Alexander....
Benson, Frederick B..Kent, Mich.	.....Windham, Conn.
Bungsche, Bruno.Russia, Europe	MacFarland, ohn Duncan.....
Carter, Clarence Henry.....	.....Cass, N. D.
.....Middlesex, Mass.	Malinovsky, Augustin W.....
Clark, William Winfield.....	.....Russia, Europe
.....New York, N. Y.	McQuiston, Clayton D.....
Crosland, Benjamin H.....	.....Porter, Ind.
.....Monroe, N. Y.	Palmer, Ralph M...Clayton, Iowa
Flux, Paul Albert Edward....	Piovera, Eugene Gellona.....
.....Rockingham, N. H.	.....Chili, S. America
Inscho, Leland Sanford.....	Schnebly, Joseph William....
.....Broome, N. Y.	.....Washington, Md.
Johnston, Harry Karl Kings, N. Y.	Skalandzium, Frank J.....
Krull, William J.....Lake, Ind.	.....New Haven, Conn.
Larson, Edward Gustaf.....	Waddle, Dewitt Earle.....
.....New London, Conn.	.....Christian, Ill.
	Winningham, Archie John....
	.....Harrison, Mo.

Degree of Bachelor of Civil Engineering.

Ayan, Leo T.....	Adana, Turkey	Nelson, Arthur W....	Itasca, Minn.
Bell, Victor B....	San Diego, Cal.	Palmer, Ralph M....	Clayton, Iowa
Benson, Frederick B..	Kent, Mich.	Parker, George Adelbert.....	
Brichke, Isaac.....	Essex, N. J.	.....	Weber, Utah
Clark, William Winfield.....		Perez, Carlos Santiago.....	
.....	Schuykill, Pa.	.....	Saltillo, Mexico
Dillon, Warren Keables.....		Piper, Edwin Bancroft.....	
.....	New York, N. Y.	.....	Lynn, Mass.
Dubov, Albert.....	Rock Island, Ill.	Plachta, Jacob F.....	Essex, Mass.
Elms, Stephen Ford.....	St. Louis, Mo.	Richardson, Franklin T.....	
Harms, Fred G....	Ozaukee, Wis.	.....	Franklin, Ky.
Johnston, Harry Karl	Kings, N. Y.	Stoddard, Stanley Ellsworth...	
Karaivanoff, Ivan D.....		.....	Ontario, N. Y.
.....	Bulgaria, Europe	Tucker, Ernest Augustus.....	
Kellam, Fred.....	Hamilton, Ind.	.....	Essex, Mass.
Lorenzo, Carmen A.....		Walterhouse, George.....	
.....	Niagara Co., Canada	.....	St. Joseph, Ind.
Macdonald, Earle E.....	Huron, Mich.	Wong, Wan Bang....	China, Asia
Marnan, James W.....			
.....	Wyandotte, Kas.		

Class of 1914-1915.

Abbott, W. L.....	Boston, Mass.	Copeland, Morton.....	
Abromats, George.....		.....	Plymouth, Mass.
.....	Fairfield, Conn.	Cole, George J.	Cattaraugus, N. Y.
Aiken, B. L.....	Manila, Philippines	Constance, Adin M.....	
Allen, Albert A....	Dubuque, Iowa	.....	Worcester, Mass.
Andrews, J. W.	Long Island, N. Y.	Costa, A. De Macedo.....	
Arfapo, Jac E.....	Philippine Islands	.....	New York, N. Y.
Ayan, Leo.....	Turkey, Europe	Collins, L. E.....	Quebec, Canada
Balenski, W. F....	Fairfield, Conn.	Craggs, Clyde.....	Mason, Ill.
Barrett, J.....	Sussex, England	Crookston, R. A.....	Ulster, N. Y.
Bailey, E. H.....	Hennepin, Minn.	Cuff, Frank.....	Berrien, Mich.
Balum, J. M.....	Cook, Ill.	Darby, W. D....	Westchester, N. Y.
Barnett, N. N.....	Obion, Tenn.	Darve, Victorin C.....	
Bean, Albert.....	Cook, Ill.	.....	Newfoundland, Canada
Bell, V. L.....	New York, N. Y.	Davila, M....	San Jose, Costa Rica
Berner, W. V.....	Grant, Ind.	Dillon, W. K....	New Castle, Dela.
Berrson, F. B.....	Kent, Mich.	Dow, P. C.....	Kent, Dela.
Berson, B. J.....	New York, N. Y.	Davis, Lyle S....	Garfield, Wash.
Bianski, Andrew.....	Cook, Ill.	Dragoo, Fred.....	Delaware, Ind.
Billingslea, Paul.....	Marion, W. Va.	Drapeau, D. J....	Houghton, Mich.
Black, V. S.....	Caddo, Okla.	Duval, J. D....	Buckingham, Va.
Blum, I.....	New York, N. Y.	Dunklee, C. Louis.....	
Bolin, A. Adolph.....	Erie, N. Y.	.....	Worcester, Mass.
Brokaw, Harold.....	Cayuga, N. Y.	Durst, Ross C.....	Garrett, Md.
Brown, R. E.....	San Diego, Cal.	Duszynski, Walter.....	Hudson, N. J.
Brunberg, Samuel.....	Kings, N. Y.	Eadie, Harry M.....	Ireland
Bryant, D.....	Fairfield, Conn.	Eiler, Ralph A....	Outagamie, Wis.
Bravender, Harold.....	Emmet, Iowa	Edwards, W. W....	New York, N. Y.
Burkhead, C. G.....	Emmet, Iowa	Elliott, H. D.....	Oconto, Wis.
Burkhart, Paul L.....	Schuykill, Pa.	Elms, S. F.....	St. Louis, Mo.
Burner, J. R.....	Jasper, Ill.	Farris, E. R.....	McDonough, Ill.
Calkins, H. J.....	Powell, Mont.	Feld, Pincus....	New York, N. Y.
Carlson, C. E.....	Forest, Wis.	Feldrappe, M. G....	Sheboygan, Wis.
Carlson, Fritz.....	Dickinson, Mich.	Ferguson, Andrew.....	Ottawa, Can.
Case, Bob.....	Northumberland, Pa.	Fermont, C. J.....	Marion, W. Va.
Chapman, Geo. R....	Allegany, Md.	Forsyth, Lee.....	Brown, Wis.
Chatterjee, Nripen....	India, Asia	Fox, B.....	Alameda, Cal.
Chatterjee, H.....	India, Asia	Frederichs, Max.....	Cook, Ill.
Chusinan, Thomas, Jr.....	Lake, Ind.	Frederickson, A.....	Will, Ill.
Cook, Clyde C.....	Posey, Ind.	Funderburk, James E.....	
Choy, Ell....	San Francisco, Cal.	.....	Christian, Ill.
Coghlan, S. F.....	Suffolk, N. Y.	Gellona, Eugene.....	Chile, S. A.
Cohen, Jacob.....	Cook, Ill.	Garnitz, Bernard....	Kings, N. Y.
Copeland, K. B.....	Plymouth, Mass.	Getter, P. B.....	Dauphin, Pa.
		Gibbs, Chas.....	Fairfield, Conn.

- Gilliland, A. B.....Porter, Ind.
 Goldfein, Irving.....New York, N. Y.
 Gorfine, Irving.....St. Joseph, Mich.
 Gottlieb, M. M.....New York, N. Y.
 Graccioli, Arthur.....Cook, Ill.
 Gran, Carl.....Kings, N. Y.
 Green, H. G.....Mercer, W. Va.
 Greve, Paul.....Osceola, Iowa
 Haight, Cecil.....Otsego, Mich.
 Hair, Stanley D.....Morehouse, La.
 Hedler, E. C.....Cook, Ill.
 Henderson, R.....Hardeman, Tex.
 Henderer, Rhodes F.....
Providence, R. I.
 Henry, Chas. C.....Camden, N. J.
 Hight, W. E.....Suffolk, Mass.
 Hokkanen, T.....St. Louis, Minn.
 Huddleston, Percy.....Jasper, Ill.
 Huguenard, Thomas W.....
Allen, Ind.
 Hughes, Gordon.....Porter, Ind.
 Hunt, Lawrence.....Raleigh, W. Va.
 Jacobs, J. F.....Bayfield, Wis.
 Jahns, E. J.....Fond du Lac, Wis.
 Jenkins, Robert M.....
Crittenden, Ky.
 Johnston, H. K.....Caledonia, Vt.
 Kaminga, O.....Monroe, Mich.
 Karaivanoff, Ivan.....
Bulgaria, Europe
 Kassel, Henry.....Palo Alto, Iowa
 Keegan, J. A.....Cook, Ill.
 Keller, A. Raymond.....
Desota Parish, La.
 King, Joseph.....Cook, Ill.
 Kinsey, Norman V.....Madison, Ind.
 Kofman, Charles.....New York, N. Y.
 Konstantinopoulos, N. Z.....
St. Louis, Mo.
 Kragerud, Matt.....Cook, Ill.
 Kremer, W. D.....Marion, Ind.
 Krygowski, Chas.....Hudson, N. J.
 Krotz, Alva.....Rock, Wis.
 Kuntze, F.....New York, N. Y.
 Lambert, F. J.....Essex, Mass.
 Lankneau, Arthur.....Henry, Ohio
 Lachov, H. L.....Russia, Europe
 Lamotte, F. G.....Jasper, Ill.
 Leishman, Alexander.....Russia
 Lesniak, S. W.....Cook, Ill.
 Lester, R. L.....Carroll, Mo.
 Lindsay, Harry.....Franklin, Ill.
 Lorenzo, C. A.....Canada
 Lowe, Howard.....Washington, D. C.
 Lukwinski, Leon.....Cuyahoga, Ohio
 Lundin, Clayton.....
Merrimack, N. H.
 Lynn, Harold D.....Blair, Pa.
 Mackintosh, Wm. B.....Orange, Ind.
 Malecki, E. E.....Erie, N. Y.
 Maiki, Shaik.....Assyria
 Madden, Leo.....Norfolk, Mass.
 Mansfield, Virgil L.....Barren, Ky.
 Morales, Maximo E.....Peru, S. A.
 Mornan, James.....Wyandotte, Kas.
 Maximoff, Vladx.....
Bulgaria, Europe
 McCall, Ethel.....Vernon, Wis.
 McCall, Merle.....Vernon, Wis.
 McCone, J.....Alexander, Ill.
 McDonald, E. E.....Huron, Mich.
 McGrew, Dale.....St. Joseph, Ind.
 Mc Lean, Nathaniel.....
Lake City, Minn.
 McMullin, Frederick.....
Jefferson, N. Y.
 McQuown, D. Neff.....Jefferson, Pa.
 McNiece, J. R.....Porter, Ind.
 McVay, Wellesley.....Lewis, Mont.
 Medina, Adriano.....Philippine Is.
 Mendenhall, R. W.....Delaware, Ind.
 Merkel, Paul.....St. John, Fla.
 Mierzyeswki, Max F.....Lake, Ind.
 Miller, Edw. B.....Portage, Wis.
 Milbo, H.....Union, N. J.
 Miura, Harry M.....Japan
 Morales, Ed.....Cuba, West Indies
 Morris, George E.....
Middlesex, Mass.
 Molitor, F. W.....Schenectady, N. Y.
 Morloch, H. Floyd.....Marshall, Ind.
 Murray, Eugene.....Keyapaha, Neb.
 Mushrush, R. S.....Jefferson, Ohio
 Nelson, Arthur W.....Hosca, Minn.
 Newland, J.....St. Joseph, Ind.
 Nickoloff, C.....Bulgaria, Europe
 Nogueira, Colombo.....Brazil, S. A.
 Nolan, Urban R.....Norfolk, Mass.
 Olygnski, F. M.....Erie, N. Y.
 Orr, John.....Ontario, Canada
 Orr, Hall.....Linn, Iowa
 Osburn, B. N.....Berrien, Mich.
 Parker, G. A.....Weber, Utah
 Parks, Ralph.....Porter, Ind.
 Parrish, Homer.....Jackson, Mich.
 Peterson, Harold G.....
Redwood, Minn.
 R. R. Phelps.....Clermont, Ohio
 Pirsko, Peter.....Kenosha, Wis.
 Pittenger, W. Verner.....Brown, O.
 Plachta, J. F.....Essex, Mass.
 Pound, C.....Tuscola, Mich.
 Queen, Chris. G.....Jackson, N. C.
 Rabenovich, B. M.....New York, N. Y.
 Ramsey, F. B.....Nicholas, W. Va.
 Rankin, Wm. A.....Barber, Kas.
 Renstrom, E. I.....Montgomery, Ia.
 Rheinisch, Saul.....New York, N. Y.
 Richardson, F. T.....Franklin, Ky|
 Richardson, S. A.....Buchanan, Mo|
 Roberts, Vance.....Marion, Ohio
 Robinson, W. R.....Philadelphia, Pa.
 Rose, Glenn A.....
Grand Traverse, Mich.
 Ross, Charles.....Washington, D. C.
 Rosenburg, Davis.....
New York, N. Y.
 Runyan, Clarence.....Livingston, Ill.
 Russel, L. B.....Renø, Kas.
 Sacra, Charles.....Carter, Okla.
 Saenz, Albert.....So. America
 Saik, John F.....Ashtabula, Ohio
 Sanders, T.....Bowil, Tex.
 Scattergood, O. A.....Brown, Neb.
 Schoenberger, Robert R.....
Wyandot, Ohio
 Schmidt, J. W.....Cook, Ill.
 Seatret, Bernard G.....
Lafayette, Wis.

Shafer, Jack S.....	Woods, Okla.	Thayer, R. E..	New London, Conn.
Shaw, Irwin.....	Cedar, Mo.	Theroux, Frank R..	Tioga, N. Y.
Silbernagel, L. B..	Jefferson, Ark.	Thomason, J. Ralph..	Rowan, N. C.
Skalandzium, P.....		Titus, Wm.....	Hillsboro, N. H.
.....	New Haven, Conn.	Tobinson, James.....	Cook, Ill.
Slater, Chas. G.....	Fayette, Pa.	Topken, C. A.....	Cook, Ill.
Smalley, A.....	DeKalb, Ind.	Torrey, Ellis.....	Genesee, Mich.
Smith, Charles Elliot.....		Trainer, A. C.....	Pazewill, Ind.
.....	Fairfield, Conn.	Turf, John.....	Kenosha, Wis.
Smith, Cecil J.....	Marion, W. Va.	Turner, Frank J.....	Kings, N. Y.
Smith, R. L.....	New York, N. Y.	Trinkler, W. H...	Poland, Europe
Stamm, Edward P.....		Tropp, Simeon..	New York, N. Y.
.....	Allegheny, Pa.	Wagner, Paul.....	Nobles, Minn.
Stephens, Richard F.....		Walker, John.....	Passiac, N. J.
.....	St. Croix, Canada	Wallace, Robert..	Johnston, Okla.
Stewart, Chas. C.....	Delta, Tex.	Walterhouse, Geo...	DeKalb, Ind.
Stine, Clarence.....	Pinellas, Fla.	Wain, Earl....	Hennepin, Minn.
Stoddard, Stanley E.	Ontario, N. Y.	Washington, Fred..	Lousia, Iowa
Streicher, D.....	Cook, Ill.	Weaver, J. Lawrence..	Morgan, Ill.
Streich, Isadore.....	Cook, Ill.	Weld, Lynne.....	Ionia, Mich.
Sturgis, Arthur A....	Carroll, Mo.	Werner, Nels....	St. Louis, Minn.
Sugino, S.....	Japan	Weyman, Wm....	New York, N. Y.
Tafias, M. A....	Cuba, West Indies	Wilson, Earl.....	Lycoming, Pa.
Tasseff, Demeter.....		Wong, T. C.....	Shantung, China
.....	Bulgaria, Europe	Wong, W. B.....	China, Asia
Taylor, T. W.....		Woolsey, C. F....	Feelonon, Mich.
...Honolulu, Hawaiian Islands		Wright, Ora E.	Sweet Water, Wyo.
Tegrand, James..	Zeeland, Holland	Young, A. E.....	Waukesha, Wis.
Terry, P. W.....	Berkshire, Mass.	Zajieck, J. F.....	Cook, Ill.
		Zavitz, Harold M..	Ontario, Can.

DEPARTMENT OF MUSIC.

Graduates of 1914.

Gold Medal Course.

Piano.

Pierce, Ethel E...Calhoun, Mich.

Diploma Course.

Piano.

Marquart, Hazel Ruth.....	Root, Minnie.....	Alfalfa, Okla.
.....Porter, Ind.	Saller, Friederika Marie.....	
Morris, Grover C. Comanche, Tex.	.....Will, Ill.	
Priest, Mabel.....	Porter, Ind.	Shannon, Grace Miller Mercer, Pa.

Teachers' Certificate Course.

Piano

Abbenseth, Marguerite Lake, Ind.	Knically, Eleanor Gertrude....
Barrow, Belle M.....	.....Muskingum, Ohio
.....West Feliciana, La.	Lane, Mary Viola..Roane, Tenn.
Edwards, Mabel Lucille.....	Quinn, P. B.....Pueblo, Col.
.....Fulton, Pa.	Taylor, Earl W.....Ohio, Ind.

Voice.

Boyd, Isabel.....	Gibson, Ind.	Root, Anna Leora..	Alfalfa, Okla.
Harcourt, Roy A...	Tillman, Okla.		

Public School Music.

Altfather, Grace...	Somerset, Pa.	Duford, Alma.....	Delta, Mich.
Baily, Lulu R.....	Greene, Pa.	Washington, Amee..	Louisa, Iowa
Bodine, Eva Pearl....	Shelby, Ill.		

Class of 1914-1915.

Abbenseth, Marguerite Lake, Ind.	Conquist, Myrtle..LaPorte, Ind.
Abbott, Leleth.....Porter, Ind.	Conquist, A. E....LaPorte, Ind.
Adams, Bertha B....Madison, Ill.	Cortell, Enoch.....Cook, Ill.
Albe, Harry.....Porter, Ind.	Corthell, R. C.....Albany, Wyo.
Alberts, Gertrude Redwood, Minn.	Crooks, Mrs. J. R..LaPorte, Ind.
Altfather, Leora...Somerset, Pa.	Cross, R. R.....Holmes, Ohio
Amstutz, Adeline L...Porter, Ind.	Crowe, Mary W...Muskingum, O.
Anderson, Mrs. S. P.....	Crowl, Mrs. Nina.....Erie, Pa.
.....Jefferson, Pa.	Curtis, Deborah E..Richland, Ill.
Armstrong, Dorothea.....	Dague, Viola....Ellsworth, Kas.
.....Crawford, Ill.	Daler, Dessie....Hamilton, Tenn.
Arthur, Fannie....Whitley, Ind.	Darling, Bessie..Coshocton, Ohio
Auerbach, Cecilia...Kings, N. Y.	Deaner, Ella M.....LaSalle, Ill.
Avakian, Garabed.....	De Long, Elizabeth.....
.....Turkey, Europe	.....Huntington, Ind.
Bachman, Cecelia.Franklin, Ark.	Deneen, Margaret...Dane, Wis.
Badgett, W. E....Wichita, Tex.	De Vault, James.Tippecanoe, Ind.
Bailey, Ohmer...Montgomery, O.	Dmoltr, Alexander.....
Ball, Helen.....Porter, Ind.	.....Baltimore, Md.
Barger, Ernest.....Fulton, Ind.	Dupereau, Lulu..Cuyahoga, Ohio
Barnes, Ruth.....Cook, Ill.	Dyke, Jennie....Sheboygan, Wis.
Barnhart, Ethel....Butler, Pa.	Edmark, K. W....Warren, Pa.
Bartholomew, Charlotte.....	Elliott, Mrs. Elizabeth.....
.....Porter, Ind.	.....Lura, N. M.
Bartholomew, Alla...Porter, Ind.	Elliott, Hugh.....Porter, Ind.
Bass, Miss.....Marshall, Ind.	Elsberg, John.....Lake, Ill.
Beam, Chas. W.....Porter, Ind.	Emery, Sarah.....Clark, Iowa
Bergstrom, Reuben C.....	English, Ora Myrtle.....
.....Richland, Ohio	.....Woods, Okla.
Birk, Grace.....Jasper, Ill.	Erickson, Wm. S...Jefferson, Ida.
Bisenius, Clara.....Cedar, Neb.	Esbeck, Coral.....Shelby, Iowa
Blair, Isabell....Armstrong, Pa.	Evans, Irene.....Carroll, Ind.
Blake, Gratia....Jefferson, Ky.	Everse, Jeanette F. Ottawa, Mich.
Blake, Mary Ed....Jefferson, Ky.	Fehrman, Helen....Porter, Ind.
Boehrnsen, Amanda.Iroquois, Ill.	Fink, Maurice....Queen, N. Y.
Bonnstetter, Alexander.....	Fischer, Alice L....Clark, Wis.
.....Palo Alto, Iowa	Fisk, Louise V...Maricopa, Ariz.
Boor, Anna V.....Oswald, Iowa	Foreman, Zylphia.Crawford, Ill.
Booth, Nellie.....Chatham, Ga.	Forman, A. T.....Porter, Ind.
Booth, Nellie.....Kenton, Ky.	Forrester, Joseph J.Porter, Ind.
Boroughs, Miriam..Sullivan, Ind.	Foster, Monabelle...Porter, Ind.
Briggs, Mildred....Porter, Ind.	Fox, Florence M....Rock, Wis.
Bronson, Arthur A.Seneca, Ohio	Gahm, Clarence....LaSalle, Ill.
Brown, Jennie....Porter, Ind.	Gardner, Vivian.....
Brown, Mae.....Porter, Ind.	.....Grand Traverse, Mich.
Brown, Alma A. Fond du Lac, Wis.	Geis, Sue D..Prince William, Va.
Brownell, C. L.....Porter, Ind.	Gillespie, Van Tayl..Fulton, Ind.
Brunner, Ruth.....Avel, Col.	Glynch, Lela W....Lake, Ill.
Brunner, Blanche....Avel, Col.	Greene, Lois.....Macon, Ill.
Bryan, Marie....Lawrence, Ill.	Greener, Joseph Hall.....
Burdette, Pearl....DeKalb, Mo.	.....Jefferson, Ohio
Burris, George..Montgomery, Ill.	Griebel, Irene....Porter, Ind.
Byers, Alice....Minnehaha, S. D.	Griffin, James....Elkhart, Ind.
Caddell, Eve G.....Carroll, Ill.	Griffin, Mrs. A. L..Elkhart, Ind.
Callaghan, Icie..Montgomery, O.	Gronvold, Hilda..Goodhue, Minn.
Charvat, Genevieve M.....	Gustafsson, Victoria Barron, Wis.
.....Manitowoc, Wis.	Hankel, Fred C.....Cook, Ill.
Child, Frances B....Rock, Wis.	Hammersberg, Norma.....
Clark, Mrs. G. K. Miltonah, Ore.	.....Burnett, Wis.
Clark, Esther G. Multnomah, Ore.	Hankel, Fred.....Cook, Ill.
Clement, Mary Womach.....	Harcourt, R. A...Tillman, Okla.
.....Pittsylvania, Va.	Hardy, Genevieve.....
Coburn, J. B.....Union, La.	.....Sheboygan, Wis.
Cochran, Bonnie....Tipton, Ind.	Harshman, Gertrude....Canada
Colbert, Max.....Madison, Ill.	Hartman, Edward.....
Cole, Emma E.....	.....Sheboygan, Wis.
.....Susquehanna, Pa.	
Colson, Vernon.....Burt, Neb.	

- Haschel, Silvia.....Pulaski, Ind.
 Hatcher, Ruby.....Hale, Tex.
 Hebert, Helen.....Delta, Mich.
 Herkenhoff, Lillian...Auglaize, O.
 Hinrichs, Alma.....Iroquois, Ill.
 Hinton, Adelaide...Fayette, Tex.
 Hislop, Jessie.....Iroquois, Ill.
 Hite, Harry B....Huntington, Ind.
 Hoffman, J. E....Renville, Minn.
 Hoffren, Axel.....Carlton, Minn.
 Holford, Alice.....Alley, Pa.
 Holt, H. Clay.....Hawaii
 Howard, Juanita Oklahoma, Okla.
 Howser, G. W....LaPorte, Ind.
 Huber, Anetta.Hutchinson, S. D.
 Hughes, Ethel.....Lee, Ark.
 Hughes, Ellen.....White, Ind.
 Hughes, Lorraine...Porter, Ind.
 Hughes, Hannah..Brown, Minn.
 Huffman, Eethel L.Augusta, Va.
 Hunt, Stella.....Jennings, Ind.
 Hunter, Nellie....Vernon, Wis.
 Inghram, John.....Greene, Pa.
 Irick, Anna.....Hale, Tex.
 Irwin, Selena.....Canada
 Irwin, Martha C. Tippecanoe, Ind.
 Jacobson, Pearl...Kootenai, Ida.
 Jessee, Orpha.....Porter, Ind.
 Jessee, Mrs. C. C.....Cook, Ill.
 Jessee, Mary Louise..Porter, Ind.
 Jesse, Ruth.....Porter, Ind.
 Jirtle, Irene.....Kewanee, Wis.
 Jirtle, F. J.....Kewanee, Wis.
 Johnson, Hensel B. Jackson, Okla.
 Johnson, Hanna.....Cook, Ill.
 Johnson, Edith....Albany, Wyo.
 Johnson, Jane Clark.....
Kankakee, Ill.
 Johnston, Edith.Coshocton, Ohio
 Jones, W. E.....Calloway, Ky.
 Jungjohann, Anna...Porter, Ind.
 Kaga, Harriett....Seneca, Ohio
 Karr, Edna B.....Finn, Iowa
 Kennedy, Freida...Newton, Ind.
 Keplinger, Francis.....
Williams, N. D.
 Keplinger, E. B.Sheridan, Mont.
 Keyes, Mae...Koochiching, Minn.
 King, Joseph B.....Cook, Ill.
 King, Clifton...Limestone, Ala.
 Klianza, C.....Kenosha, Wis.
 Knapp, Edna.....Porter, Ind.
 Knox, Mrs. Theodore.....
Huntington, Ind.
 Koenig, Helen.....LaSalle, Ill.
 Kostlan, Emmett...Douglas, Neb.
 Kramer, Versie C..Marion, Ind.
 Kramer, Susie.....Logan, Ill.
 Krier, Henry.....Ozowee, Wis.
 Lahm, Iva.....Juneau, Wis.
 Landau, Nelto M.....Lee, Ill.
 Lankenau, Arthur...Henry, Ohio
 Lazovich, Charles.....
New York, N. Y.
 Leffingwell, Irene...Porter, Ind.
 Lewis Nancye....Letcher, Ky.
 Lindewall, Arvo...Itasca, Minn.
 Linder, Olga Pauline.....
Montgomery, Iowa
 Lindley, Norville...Howard, Ind.
 Lipp, Frances.....Monroe, Mo.
 Lipscomb, Sidney.Tucker, W. Va.
 Lockhart, Mrs. C. H. Wirt, W. Va.
 Logan, Nelson.....Pierce, Wis.
 Lord, Albert B....King, Wash.
 Lowe, Florence....Newton, Ind.
 Lucas, Fern.....Adams, Ill.
 Lundahl, Dora.....Clark, Wis.
 Manville, Berniece...Osceola, Ia.
 Marpe, Mabel...Marshall, S. D.
 Maroney, Thos. W...Porter, Ind.
 Marquart, Hazel...Porter, Ind.
 Marquart, Gretchen.Porter, Ind.
 Marty, Agnes.....Green, Wis.
 Mather, Raymond.....Canada
 Matney, Mary....Lawrence, Ohio
 Mavity, Earl.....Porter, Ind.
 Merritt, Fern.....Wayne, Iowa
 MacBain, Ethel...Brown, Minn.
 MacMillan, Marjorie.....
St. Louis, Minn.
 Milbradt, H. G....LaSalle, Ill.
 Moine, Aubrey....Berrien, Mich.
 Mooney, Paul....Champaign, Ill.
 Mooney, Martha...Champaign, Ill.
 Mosier, Mrs. Floyd L.....
Fayette, Pa.
 Moudy, W. Howard.Cambria, Pa.
 Mulford, A. B....Hamilton, Ohio
 Munro, Maude.....Cambria, Pa.
 McCallister, Opal.....Cook, Ill.
 McDermott, Margaret.....
Washington, Pa.
 McDonald, L. J....Calhoun, Ill.
 McDonald, Vista...Morgan, Ohio
 McGrath, Aileen Inez.....
Silverbow, Mont.
 McInnis, Edith.....Cook, Ill.
 McMullen, Ruby...Davies, Ind.
 McNiece, Helen....Porter, Ind.
 McRae, Ione.....Alcon, Miss.
 Neal, Lena M....Champaign, Ill.
 Neil, Maribel.....Clarion, Pa.
 Nelson, Millie Irene.Iroquois, Ill.
 New, Charlotte.....Cook, Ill.
 Noll, Henry T.....Centre, Pa.
 Noll, Ray C.....Centre, Pa.
 Nugent, Lillian....Delta, Mich.
 Orr, C. T.....Dunkin, Mo.
 Osborne, Ruth D.Wexford, Mich.
 Parks, Emeroy....Porter, Ind.
 Parker, Lena G....Benton, Ind.
 Pendleton, J. D...Jackson, Okla.
 Penrod, M. F.....Davis, Iowa
 Perry, Ernest...Mataquarda, Tex.
 Pettit, Guy S...Van Wert, Ohio
 Peterson, George.Hempden, Minn.
 Pfeilsticker, Edna.....
Wabasha, Minn.
 Plette, G. W. Lloyd...Blair, Pa.
 Philipps, H. A...Wabasha, Minn.
 Pierce, John F....Prowers, Col.
 Pittinger, W. Verner..Brown, O.
 Polish, Anton...St. Louis, Minn.
 Pope, Frances.....Jasper, Ga.
 Powell, Christine.....
Tishimingo, Miss.
 Racharalski, K...Russia, Europe
 Rankin, W. A....Barber, Kas.
 Rehbein, Oscar...Waupaca, Wis.

Reimers, La Verne....Will, Ill.
 Reynolds, Virginia J.....
Obion, Tenn.
 Richard, Edmund...Henry, Ohio
 Richardson, Robert Wichita, Tex.
 Roberts, Mrs. H. R...Porter, Ind.
 Robberts, Lucille McDonough, Ill.
 Robberts, Mary Louise.....
McDonough, Ill.
 Roehl, Edna....Marathon, Wis.
 Rogers, Vesta...Covington, Miss.
 Rogge, Martha.....Cook, Ill.
 Roggeveen, Marjery...Cook, Ill.
 Roessler, Louise....Porter, Ind.
 Russell, Helen....El Paso, Tex.
 Russell, Hazel....Newton, Ind.
 Ruth, Stella.....Berks, Pa.
 Ruzicka, Emil....Racine, Wis.
 Salt, Ena G....England, Europe
 Salisbury, E. E....Porter, Ind.
 Salisbury, Kathryn...Porter, Ind.
 Salyer, Grace.....Porter, Ind.
 Sanders, Trammell...Bowie, Tex.
 Santee, Dessie....Alfalfa, Okla.
 Sawyer, Mabel....Porter, Ind.
 Saylor, Pauline....Porter, Ind.
 Schattinger, Clara...Denver, Col.
 Scholz, Martha...Marinette, Wis.
 Schaal, Gertrude...Oconto, Wis.
 Shafer, Ferrel....Marshall, Ind.
 Scofield, Besse....Porter, Ind.
 Shankland, B. C....Cass, Ind.
 Shannon, Grace....Mercer, Pa.
 Scott, Anna.....Moultrie, Ill.
 Scott, Bess.....Marshall, Ind.
 Shupe, Vera Grace...Grundy, Ill.
 Siegfried, Russell...Clinton, Ind.
 Sipple, Julia.....Clay, Ind.
 Sikhareff, Alexis..Russia, Europe
 Slaugenhaupt, Stella.....
Clarion, Pa.
 Smith, Olga.....Carroll, Ind.
 Smith, Obed.....Elkhart, Ind.
 Smith, Mary A. V....Pratt, Kas.
 Snyder, Harry....Porter, Ind.
 Smith, Opal.....Merrick, Neb.
 Sollars, Joseph...Vermillion, Ind.
 Somerville, Sara...Cambria, Pa.
 Spear, Mrs. Ira L...Porter, Ind.
 Sprencil, Lillian...Porter, Ind.
 Spring, Leo L....Elmore, Idaho
 Stapp, Elva.....DeKalb, Mo.
 Starrett, Matie....Monroe, Ark.
 Stein, K. Louise.....
Washington, Wis.
 Stephens, Helen....Porter, Ind.
 Sterling, Guy...Nervaygo, Mich.

Stewart, Lillian.....Lake, Ind.
 Stine, Louise.....Pinellas, Fla.
 Stine, Clair.....Pinellas, Fla.
 Stevens, Mike...Albania, Europe
 Stoner, Mildred....Porter, Ind.
 Stout, Opal.....Pulaski, Ind.
 Studebaker, Mildred Porter, Ind.
 Suit, Frank....Van Buren, Iowa
 Sunthimer, Alta..LaGrange, Ind.
 Swafford, Hazel Kalkaska, Mich.
 Taylor, Dorr.....McKean, Pa.
 Tepoff, Christ Dell.....
Bulgaria, Europe
 Terry, Paul.....Berk, Mass.
 Thomas, Mrs. Louise M.....
Mobile, Ala.
 Thayer, R. F..New London, Conn.
 Todd, Alvin....Henderson, Tenn.
 Tomkus, P....Philadelphia, Pa.
 Tomlinson, Joseph.....
St. Laurence, N. Y.
 Tomlinson, Alma..McLeod, Minn.
 Tomlinson, Eula Lee.....
Beckham, Okla.
 Turcott, Cecelia.....
Charlevoix, Mich.
 Turner, Sylva.....Shelby, Ill.
 Ullrich, Alma.....Lee, Ill.
 Valenta, Vera A....Potter, Pa.
 Vollbrecht, Marguerite.....
Wayne, Mich.
 Vitkus, John F..Milwaukee, Wis.
 Wagner, Faye.....Mesa, Col.
 Walker, Marion....Fulton, Ill.
 Wall, Maud S....Boone, Ind.
 Walla, Nora.....Cass, N. D.
 Watkins, Edna....Ben Hill, Ga.
 Weller, Kathrwn..Livingston, Ill.
 Westwood, Ethel...Humbolt, Ia.
 Westfelt, Otto....Porter, Ind.
 Wheeler, Mabel....Madison, Ill.
 White, Ray.....Erie, N. Y.
 Whitney, Leota....Allen, Ohio
 Wiederhoeft, Wanda.....
Marathon, Wis.
 Wilkinson, Aubrey..Shelby, Tenn.
 Willets, Clare....Howard, Ind.
 Wills, H. W....Cass, N. D.
 Williams, Ruth E....Fulton, Ind.
 Winblad, F.....Cook, Ill.
 Wolcott, Edwin..Hamden, Mass.
 Young, Goodwin.....Lock, Pa.
 Yeoman, Clarence..LaPorte, Ind.
 Younger, Gladys E...Lake, Ind.
 Zeller, Donald....Porter, Ind.
 Zoethout, Thelma Grace.....
Porter, Ind.
 Zolp, John J.....Cook, Ill.

DEPARTMENT OF ARCHITECTURE.

Backwell, Harry.....
Schoolcraft, Mich.
 Baker, Halmer L.....
Eau Claire, Wis.
 Blocker, Henry F...Porter, Ind.
 Bowling, Ralph M...Scott, Iowa
 Borgerding, Herman W.....
Muskegon, Mich.

Brown, Everett J....Wells, Ind.
 Dake, Robert E....Lake, Ill.
 Gradle, Homer....Porter, Ind.
 Hiemenz, Leo....Lancaster, Pa.
 Irwin, Leroy...Huntington, Ind.
 Juszczyk, Stanley G....Cook, Ill.
 Keller, A. Ramond..De Soto, La.
 Kolben, E. M....Shawano, Wis.

Kovocheft, Christ.....	Rasmussen, H. J.....
, Keagachetta, Bulgaria	.....Winnebago, Wis.
Kotynski, Anastary. Wayne, Mich.	Smith, Frank B.....Weber, Utah
Litschel, F. M.....Cook, Ill.	Stoimenoff, Stephan.....
Loetzerich, F. G.....	.....Kustendil, Bulgaria
.....Vanderburg, Ind.	Stubee, Albert.....
McInnis, Stanley.....Cook, Ill.	.....Koochiching, Minn.
Meglinsky, Michael.....	Swenson, Arthur M.....
.....Clearfield, Pa.	.....Hennepin, Minn.
Peterson, Harold G.....	Treby, Earl F.....Lehigh, Pa.
.....Redwood, Minn.	Ward, Angus I...Houghton, Mich.
Peterson, Herman. Ozaukee, Wis.	Wells, H. S.....Luzerne, Pa.
Petersen, Peter S.....Polk, Wis.	

DEPARTMENT OF EXPRESSION AND PUBLIC SPEAKING.

Graduates of 1914.

Degree of Bachelor of Oratory.

Bondy, Beulah.....Porter, Ind.	Tomlinson, Eula Lee.....
Harcourt, Roy A...Tillman, Okla.	.....Washita, Okla.
Hinton, Adelaide E. Fayette, Tex.	Wilson, Russell J.....
Howard, William A.....	.....San Francisco, Cal.
.....Melbourne, Australia	Woodbury, Ethel G.....
O'Donnell, Mary W.....Cass, Ind.	.....Hartford, Conn.
Rogers, Clara B....Gibson, Tenn.	Woodbury, Leone E.....
	.....Hartford, Conn.

Class of 1914-1915.

Aldrich, Helen R.....Kane, Ill.	Lord, Albert B.....King, Wash.
Allfree, Mart.....Cook, Ill.	Mason, Mrs. Carl....Wood, Ohio
Bitant, Matt.....Cook, Ill.	Morley, E. E.....Mercer, Pa.
Bogan, Albert E....Ohio, W. Va.	Morrison, Mary.....Floyd, Ind.
Bush, Myrtle....Chippewa, Mich.	McAdoo, Olive...Van Wert, Ohio
Byrum, Arlo.....Madison, Ind.	Nugent, Lillian....Delter, Mich.
Conser, Marta Scott.....	O'Dell, J. Elmer.Nicholas, W. Va.
.....Shelby, Tenn.	Paxton, Mrs. H. A...Volusia, Fla.
Dawson, Edith...Jackson, W. Va.	Pederson, B. C...Chas, Mix, S. D.
Dewing, Paul....Leelanau, Mich.	Richardson, Marguerite.....
Doak, Ray.....Portage, Ohio	.....Webster, Neb.
English, Ora Myrtle. Woods, Okla.	Shufflin, Jennie Montgomery, Kas.
Farnworth, Jennie L. Union, Iowa	Smith, Velta A...Hillsdale, Mich.
Fitchett, Anna B..Buncombe, N. C.	Snow, A. D.....Coshocton, Ohio
France, Aileen.....Shelby, Tenn.	Snow, Thos. A...Coshocton, Ohio
Gent, Julia S.....Glyndon, Md.	Steinback, J. J.....Cook, Ill.
Gregory, Olivia S...St. Louis, Mo.	Sunderland, Florence.....
Grove, O. L.....Panola, Tex.	.....Newton, Ind.
Hamilton, Berneita..Porter, Ind.	Taylor, Winfred.....Stark, Ill.
Harcourt, Roy....Tillman, Okla.	Tobin, Olivia A.....Erie, N. Y.
Heikens, Rose.....Clay, Iowa	Tomlinson, Eula Lee.....
Hinton, Adelaide...Fayette, Tex.	.....Beckham, Okla.
Holloway, Merle N....Knox, Ill.	Vaitekunal, Peter...Porter, Ind.
Holmes, Lewis.....Cook, Ill.	Van Camp, O. C. Mrs.....
Howard, W. A...Oklahoma, Okla.	.....Mingo, W. Va.
Jackson, H. A..Kanawha, W. Va.	Woodruff, Sheldon L..Essex, N. J.
Kaga, Harriet.....Seneca, Ohio	Young, Anna Lee....Wayne, Ky.

DEPARTMENT OF FINE ART.

Graduates of 1914.

Gold Medal.

Dieckmeyer, Serena...Lake, Ind. Peterson, Herman.Ozaukee, Wis.

Certificate.

Becker, Leta E.Cerro Gordo, Ia. Robertson, Anna.....
Butler, Anna Beatrice.Union, Ky.Muhlenberg, Ky.
Johns, Cora M..Dickinson, Mich. Speck, Jennie.....Jefferson, Kas.

Class of 1914-1915.

Becker, Leta E.Cerro Gordo, Ia. Koehler, Raymond A...Cook, Ill.
Berkman, Nellie...Rosseau, Minn. Kolar, Willibald..Yankton, S. D.
Bisenius, Clara.....Cedar Neb. Langley, Laura...Vermilion, Ill.
Boyer, Lelia.....Porter, Ind. Lawton, Stella.....Hancock, Ill.
Buckynski, Tonie.....Canada
.....Germany, Europe Martin, Josephine E.....
Burton, Clara B.....Cook, Ill.Cattaraugus, N. Y.
Burgher, Myrtle.....Phelps, Mo. Maus, Howard....Apache, Ariz.
Butler, Beatrice.....Union, Ky. Miner, Alberta.....Porter, Ind.
Chaffee, Mildred.....Porter, Ind. Mullendore, Lella..Johnson, Ind.
Chaffee, Marjorie....Porter, Ind. McFarland, Nye....Marshall, Ind.
Cole, S. Louise.Susquehanna, Pa. Nielson, Oscar.....Cook, Ill.
Cochran, Bonnie.....Tipton, Ind. Owen, Maudena....Hamilton, Ind.
Cook, Vera G.....Gogebie, Mich. Peterson, Herman.Ozaukee, Wis.
Coward, Lottie Mae.Fannin, Tex. Peterson, Leonard...Lake, Minn.
Dieckmeyer, Serena...Porter, Ind. Price, Mark.....Silver Bow, Mont.
Dodd, D. Elizabeth.Lycoming, Pa. Rex, Maggie.....Porter, Ind.
Dombrosky, Anthony..Saline, Ill. Robertson, Anna Muhlenberg, Ky.
DuBois, Ettie.....Lake, Ind. Rowell, Margaret C.Porter, Ind.
Duff, Earl.....Marshall, Ind. Salt, E. G.....British Columbia
Eichell, Carl...Tuscarawas, Ohio Schattinger, Clara..Denver, Col.
Field, Agnes.....Orleans, La. Shanks, Everett....Porter, Ind.
Forbes, Willie B...Calhoun, Ala. Shearer, Bliss.....Lake, Ind.
Gant, Bess.....Monroe, Tenn. Snover, Mabel A.....Tiger, Pa.
Geddes, Olive..Van Buren, Mich. Smytkowski, Maximilian.....
Griffin, Mrs. John...Porter, Ind.Philadelphia, Pa.
Graham, Ruby....Henderson, Ill. Sparks, Bessie.....Porter, Ind.
Griffin, Judson....Elkhart, Ind. Speck, Jennie....Atchison, Kas.
Goodwin, Beatrice....Cass, Ind. Speiser, Louis..Montgomery, Ill.
Hamilton, Mrs. L....Porter, Ind. Spring, Leo L....Elmore, Idaho
Hangseth, Andrew.....Norway Stedman, Harry....Iroquois, Ill.
Harrison, Gladys E..Bronx, N. Y. Takahashi, Kenzo.....Japan
Hewett, Miss Kate...Porter, Ind. Taylor, Miss Gray..Shelby, Tenn.
Hopkins, Talva..New York, N. Y. Underwood, Florence.....
Huber, Anetta B.....
.....Hutchinson, S. D. Venable, Lucy.....Bureau, Ill.
Hungerford, Helen...Logan, Ill. Voltz, Alice.....Saint Laundry, La.
Hunter, Nellie.....Vernon, Wis. Wall, Maud.....Boone, Ind.
Illiakis, Isidor.....Cook, Ill. Washington, Olive..Louisia, Iowa
Irwin, Martha...Tippecanoe, Ind. Washington, Amee. Bremer, Iowa
Johns, Cora M...Dickinson, Mich. Warner, Alice.....Porter, Ind.
Karr, Edna B.....Linn, Iowa Weidenhoff, Mae...Baraboo, Wis.
Kelso, Helen.....Mercer, Pa. White, Wilma....Edwards, Kas.
Kinsley, Eunice....Homer, Ohio Willis, Harold.....Canada

DEPARTMENT OF LAW.

Graduates of 1914.

Degree of Bachelor of Law.

Alley, Enos E..Silver Bow, Mont. Dekelbaum, S.....Porter, Ind.
Belew, Ben W.....Parker, Tex. Flynn, John J.....Essex, Mass.
Benham, Guy C..Bingham, Idaho Glassburn, J. C.....
Clark, Rollie C.....Benton, Ark.Westmoreland, Pa.
Colpaert, Achille.....Belgium Grossman, Edgar C.St. Clair, Ill.
Cornett, Jas. C.....Osage, Okla. Hallagan, Frank B....Perry, Ill.

Hartt, O. Raymond...Allen, Ind.
 Hemphill, Arthur LaFayette, Wis.
 Jellison, Harry....Whitley, Ind.
 Killam, A. W....Sheridan, Mont.
 Kirk, Everett B....Martin, Ky.
 Kitching, Jno. T....Bosque, Tex.
 LaGrone, O. C....Panola, Tex.
 Lasell, Herschel O....Day, S. D.
 Lundquist, Edwin L....Cook, Ill.
 Maki, John F....Marquette, Mich.
 Maldonado, Jose....Porto Rico
 Medford, Lillian...Franklin, Ohio
 Miller, Alex. H....Saline, Kas.
 Moon, Arthur....St. Joseph, Ind.
 Nelson, Wm. A....Hays, Tex.

Obenchain, Roland.....
St. Joseph, Ind.
 Orrico, Joseph R....Cook, Ill.
 Paine, Franklin H.....
Berrien, Mich.
 Pennell, G. C....Nez Perce, Idaho
 Sell, Melville H....Calumet, Mich.
 Simpson, Aldo J....Elkhart, Ind.
 Stearn, Henry R....Waupaca, Wis.
 Stewart, Robert W.....
Sumner, Tenn.
 Veneziale, Joseph G.....
Providence, R. I.
 Warner, R. L....Mercer, Pa.
 Williams, Walter C....Porter, Ind.

Class of 1914-1915.

Seniors.

Aldrich, Orville R.....
Vermillion, Ind.
 Anderson, Eric L....Clearfield, Pa.
 Apt, Roy E....DeKalb, Ind.
 Barnett, Sam B....Cook, Ill.
 Barton, Stephen A. Jr....Scott, Mo.
 Booker, Leon C....Columbia, Wash.
 Brown, Jesse R....Montgomery, Ill.
 Cannon, Harvena Flathead, Mont.
 Collins, Ira T....Scott, Va.
 Cowart, C. F....Franklin, Miss.
 Dawes, Harold F....Adams, Wis.
 Diers, Herman H.....
Bremen, Germany
 Draper, Floyd S....Jefferson, N. Y.
 Fitzpatrick, Emmett L.....
San Diego, Cal.
 Goodnow, Ida Grace.....
Worcester, Mass.
 Graves, Clifford....Cottle, Tex.
 Green, William B....Cambria, Pa.
 Grossman, Walter...St. Clair, Ill.
 Harper, Kyle D. Summers, W. Va.
 Hendon, Wilford R....Carter, Okla.
 Holt, H. Clay....Aahu, Hawaii
 Hugh, Yee Tin.....
Kwang Tung, China
 Landers, R. F....Lincoln, Wis.
 Lauck, Albert....Marion, Ind.
 Lingenfelder, Frank M....Floyd, Ia.

Lisius, Frederick G....Lake, Ind.
 McCament, George C....Knox, O.
 McCulloch, Hugh H. McLean, N. D.
 Macdonald, Archibald Jr.....
Windham, Conn.
 Matson, Loren B....Kosciusko, Ind.
 Matt, Adelbert W....Clayton, Iowa
 Meczynski, Thaddeus.....
Los Angeles, Cal.
 O'Malley, M. J....Luzerne, Pa.
 Parsons, E. V....Jackson, W. Va.
 Patterson, J. B....Greenup, Ky.
 Pfizenmayer, George O.....
Vigo, Ind.
 Rhodes, L. E....Lewis, Wash.
 Roselip, Gus W....Lafayette, Wis.
 Scherich, E. R....Harrisburg, Pa.
 Shaw, Wilbur G....Greene, Ohio
 Smith, Cecil C....Chester, Tenn.
 Smith, T. N....Massac, Ill.
 Snyder, W. Gray....Lewis, Mo.
 Steward, Harrison B....Porter, Ind.
 Strickland, Mae B....Porter, Ind.
 Thomas, William M. Cotton, Okla.
 Valasek, Michael G.....
New Haven, Conn.
 Webster, Wesley C.....
Worcester, Mass.
 Weslow, Julian....Harris, Tex.
 Willis, William E.....
Philadelphia, Pa.

Juniors.

Aiken, Frank L....Fairfield, Conn.
 Amstein, W. J....Lake, Ind.
 Baker, Edgar J....Fergus, Mont.
 Bartholomew, L. W.....
Chaves, N. M.
 Bentley, Clinton...Winona, Minn.
 Berry, S. C....Camden, N. J.
 Bliss, J. E....Valley, Mont.
 Braselton, Boyd B....Parker, Tex.
 Breen, Maurice S....Cook, Ill.
 Brewster, Earl R....Bradford, Pa.
 Calhoun, Jesse W....Howell, Mo.
 Carney, Allen T....Jackson, W. Va.
 Case, Everett....Ohio, W. Va.
 Cline, Earl V....Lycoming, Pa.
 Clinger, Glenn P....Venango, Pa.

Chamberlain, W. S....Story, Iowa
 Collier, John A....Platte, Mo.
 Crownover, James T.....
Cambria, Pa.
 Crownover, Leroy A.....
Cambria, Pa.
 Dalrymple, A. V....Manila, P. I.
 Davidson, Arch H....Polk, Ga.
 De Marti, Joseph Jr....Erie, N. Y.
 Dickens, D. Robert.....
Sullivan, Tenn.
 Dudak, J. J....Clearfield, Pa.
 Evans, Max....McDowell, W. Va.
 Fields, Wilson....Perry, Ky.
 Figas, S. J....Fayette, Pa.

Fisk, Leon.....Tyler, W. Va.
 Fitzgerald, P. A.....
Philadelphia, Pa.
 Foor, A. M.....Fairfield, Ohio
 Force, Wilbert W....Summit, Ohio
 Fritz, Anthony J....Wayne, Pa.
 Gordon, Robert.....Kings, N. Y.
 Gorman, B. L.....Crook, Wyo.
 Graham, E. N.....Stearns, Minn.
 Hastie, John A....Armstrong, Pa.
 Hay, George W. Jr..Somerset, Pa.
 Heitmann, John C..Monroe, Wis.
 Hughes, W. P.....Pike, Ky.
 Hulburd, F. G.....Allen, Ind.
 Hull, J. T.....Lewis, W. Va.
 Jedda, John....Marquette, Mich.
 Johnson, Raymond C..Lake, Ind.
 Jones, Felix T.....Ada, Idaho
 Johnston, T. L.....Porter, Ind.
 Kelley, Frank T.....Hand, S. D.
 Key, Herman L....Kemper, Miss.
 Kraushar, Philip....DuPage, Ill.
 Langve, Dedrick..Crawford, Wis.
 Lawr, Perry M....Leelanau, Mich.
 Lucas, C. O.....Hughes, Okla.
 McCurdy, Orla O..Wilbarger, Tex.
 McMahon, J. Truman.Lincoln, Id.
 Manibog, Gonzalo.....
Locos Norte, P. I.
 Marino, John M....Nassau, N. Y.
 Marron, Hugh N..Winneshiek, Ia.
 Metzler, S. E.....Akron, Ohio
 Miller, H. Ralph....Laclede, Mo.
 Mitchell, Ernest S..Nevada, Cal.
 Murphy, Alfred H....Essex, Mass.
 Murphy, William D..Essex, Mass.
 Novoa, Ramon.....Kings, N. Y.
 Nutter, Neville J. Barbour, W. Va.
 Parphenove, Stephen S.....
Viatca, Russia

Perry, Ben.....Williamson, Ill.
 Pavlakos, Nick.....Cook, Ill.
 Phillips, H. Arnold.....
Wabasha, Minn.
 Phillips, R. B.....Fergus, Mont.
 Redmond, John F.....Vigo, Ind.
 Rosborough, Hugh M. Bowie, Tex.
 Ruehle, Orlin L....Allegan, Mich.
 Rummel, Alvin L..Gogebic, Mich.
 Scott, J. Wilbur.....
Grand Rapids, Mich.
 Snyder, Cecil C....Niagara, N. Y.
 Sokoll, Walter F.....
Sheboygan, Wis.
 Southworth, E. Bothwell.....
New York, N. Y.
 Stahl, John J.....Essex, N. J.
 Sugrue, Michael H.....
New Haven, Conn.
 Surles, E. R.....Menard, Tex.
 Taylor, Ryland G....Henrico, Va.
 Todd, Hume A.....Bond, Ill.
 Tomastick, Myron S.Grundy, Ill.
 Trubey, Cor J....LaGrange, Ind.
 Underriner, Edward A.....
Madison, Mo.
 Valasina, Nick..Schnectady, N. Y.
 von Holst, Thorley.....
San Diego, Cal.
 Ward, R. H.....Marshall, Ind.
 Weiland, Albert W..LaSalle, Ill.
 Westfall, O. E....Kingsville, Ohio
 White, David L.....Potter, Pa.
 White, Mrs. D. L.....Potter, Pa.
 Wilbur, Fred A.....Douglas, Wis.
 Wiley, B. L.....Chateau, Mont.
 Wills, H. W.....Cass, N. D.
 Wuolle, O. A....Parkano, Finland

DEPARTMENT OF PHARMACY.

Graduates of 1914.

Anderson, W. I.....Sweden
 Ballard, Noel J.....Wabash, Ill.
 Bracco, Angelo..Houghton, Mich.
 Chostner, G. C....Bollinger, Mo.
 Coburn, James B.....Union, La.
 Cochran, Guy W.....
 Conway, Frank J....Newton, Ind.
 Cruger, LeRoy E.....Dane, Wis.
 Diab, Abu-Haider Kalil.Armenia
 Dickson, Clarence E..Saline, Ill.
 Duff, Etta M.....Butler, Pa.
 Faul, James M.....Wayne, Ind.
 Fischer, Hubert H..Noble, Ind.
 Furgason, Raymond R.....
Elkhart, Ind.
 Gullstrom, Frank A..Porter, Ind.
 Haas, Arthur A.....LaSalle, Ill.
 Henderson, Carl J..Sargent, N. D.
 Hugli, George....Richmond, N. Y.
 Jones, N. Franklin.....
Codington, S. D.
 Jones, Roy Lee....Madison, Ind.
 Kallstead, A. C.....Alameda, Cal.
 Kaupas, Julius B.....Cook, Ill.

Keller, Samuel L....Dakota, Neb.
 Koger, Oda B.....Clinton, Ky.
 Lippard, Leon H....Chaffee, Col.
 Lyons, Cyril D.....Perry, Ind.
 Meyer, Max.....Palo Alto, Iowa
 Miles, Carey F.....Adams, Ill.
 Molter, Elmer J.....Lyon, Minn.
 Quigley, Michael J..Wayne, Ind.
 Roe, Roy C.....Huntington, Ind.
 Rumsyre, Grant A..Whitley, Ind.
 Ryan, Ernest H.....Noble, Ind.
 Schop, Antonio R..Oriente, Cuba
 Sisco, Claude M....Carroll, Ark.
 Skinner, J. Everett..Wayne, Ind.
 Spears, James F..Allegheny, Md.
 Speer, William O..Yadkin, N. C.
 Stine, Kenneth S....Wells, Ind.
 Vitkauskas, Zigmond.....
Rockingham, Vt.
 Warren, Earl L. Chautauqua, Kas.
 Warren, Lovett A..Sampson, N. C.
 Wiczorek, Walter W....Cook, Ill.
 Wiesjahn, Robert G. LaPorte, Ind.
 Zack, Archie R....Passaic, N. J.

Class of 1914-1915.

Pharmaceutical Chemist Course.

Seniors Ph. C. Course.

Bailey, Ada L..	Schnectady, N. Y.	Davis, C. E.....	Littleriver, Ark.
Breining, M. H.....	Wells, Ind.	Runyan, Arthur.....	Porter, Ind.
Castellanos, B.....	Cuba	Sparks, Dale D.....	Porter, Ind.
Chostner, G. C.....	Bollinger, Mo.	Vaillant, E. Padro.....	Cuba
Coburn, J. B.....	Union, La.		

Seniors Ph. G. Course.

Asher, N. E.....	Henderson, Tex.	Juergens, William L.....	
Bailey, Ada L..	Schnectady, N. Y.	.....	Braxton, W. Va.
Bartkevicz, Joseph..	Cuyahoga, O.	Laatsch, C. E. F....	Orleans, N. Y.
Bell, J. W.....	Garvin, Okla.	Latstetter, John A.....	
Breining, M. H.....	Wells, Ind.	.....	Harrison, W. Va.
Boyer, Beulah.....	Porter, Ind.	Mayo, Henry Louis...	Floyd, Ky.
Boyer, Mary.....	Porter, Ind.	Meyer, Rudolph.	Vanderburg, Ind.
Brickles, Vance E....	Starke, Ind.	Middleton, W. C....	Genesee, Mich.
Calkins, Lloyd E.....	Scioto, Ohio	Mills, Eugene.....	Porter, Ind.
Castellanos, Baudilio.....	Cuba	Pfister, Vincent...	Niobrara, Wyo.
Cizauzkas, Joseph.	Schuylkill, Pa.	Press, A. G.....	Wayne, Neb.
Cox, C. L.....	Clayton, Iowa	Regan, Michael.....	Starke, N. D.
Davis, C. E.....	Little River, Ark.	Riccio, Chas. A....	Stanfield, Conn.
Dobson, Clair V.....	Butler, Pa.	Rosseau, Octave A.....	
Duvall, J. C.....	Clinton, Ky.	.....	Harrison, W. Va.
Dunn, Preston..	Waubansee, Kas.	Runyan, Arthur A....	Porter, Ind.
Fenstermaker, H. W..	McLean, Ill.	Schlosser, H. K.....	Elkhart, Ind.
Fowler, Herbert B.....		Smith, Chauncey M..	Gibson, Ind.
.....		Sparks, Dale D.....	Porter, Ind.
.....	Niobrara, Wyo.	Spiker, Lowell.....	
Glowacki, Louis.....	Luzerne, Pa.	Timmons, Floyd A....	Cass, Mich.
Hackett, Ross S.....	LaPorte, Ind.	Uhl, Elnora.....	Knox, Neb.
Harger, Harriet L..	Onedia, N. Y.	Vaillant, E. Padro.....	Cuba
Heiman, Harold.	Vanderburg, Ind.	Vella, Mary E.....	Porter, Ind.
Hopple, H. H.....	Dauphin, Pa.	Weeks, Floyd E....	Berrien, Mich.
Johnston, W. E....	Des Moines, Ia.	Wiese, Lee H.....	Jackson, Minn.

Juniors Ph. C. Course.

Graves, L. Vernon.....		Neperid, George.....	
.....	Koochiching, Minn.	.....	Trempealeau, Wis.
Henderson, Reita A.....		Scheirer, Chas.....	Pennsylvania
.....	Hampden, Mass.	Thomas, Ross.....	Canada
Hughes, L. Russell...	Kent, Mich.	Whiting, Raymond D.....	
Miller, Chris.....	Green, Wis.	.....	Saratoga, N. Y.
Miller, S. M.....	Jefferson, Pa.	Young, J. E.....	New York, N. Y.

Juniors Ph. G. Course.

Acherman, Carl J....	Menard, Ill.	Christley, Paul M.....	Cook, Ill.
Admian, B. G.....	Hartford, Conn.	Claus, Herman H.....	Peoria, Ill.
Ahmad, H. H.....	East India	Cox, J. W.....	Dade, Ga.
Angel, Ray.....	St. Louis, Mo.	Crossen, Martin...	Ottawa, Mich.
Archev, Buell R..	Huntington, Pa.	Demetracopoulos, John.....	
Barclay, Frank....	Lubbock, Tex.	.....	Washington, D. C.
Barton, Bessie.....	Whitley, Ky.	Dennis, John L.....	
Bell, Jerry S.....	Harrison, Ind.	Ekonomoff, Gregory...	Bulgaria
Bernstein, Isadore.....	Cook, Ill.	Ellis, Jerry D....	New York, N. Y.
Birdman, Edward A....	Cook, Ill.	Elliot, John W....	Warren, Ind.
Bingham, W. G.....	Adams, Wis.	Enoch, Clyde M....	Wood, W. Va.
Bitowski, Charles.....		Fastenan, Will C....	Clay, Iowa
.....	Worcester, Mass.	Frasek, Ben.....	Bay, Mich.
Bradley, C. H....	Kansas City, Mo.	Friend, Fred.....	Bacher, Kas.
Brewster, Herbert	Walworth, Wis.	Garl, Chester.....	Cass, Mich.
Calloway, J. W....	Calhoun, Ark.	Geisinger, Earl....	DeKalb, Ind.
Carasco, Angel J....	Honduras	Gershenzweit, Eva.....	
Chadwick, Henry F.....		.....	New York, N. Y.
.....	Carterer, N. C.	Gold, Samuel.....	Wayne, Mich.
Chase, Harry A.....	Kane, Ill.	Green, George.....	Macon, Ill.

Hash, Paul G.....Roanoke, Va.
 Hayatian, Harry H.....
Hampton, Mass.
 Hinz, Alois F.....Hennepin, Minn.
 Hogan, Tom D.....Sangamon, Ill.
 Hurt, Jeff.....Allen, Ky.
 Jayne, Cletus W. Montgomery, Ill.
 Jenkins, Joseph H.....
Mt. Hermon, Mass.
 Johnson, Sam A.....Winona, Minn.
 Jones, T. J.....Washington, Va.
 Jordon, Herman.....Cook, Ill.
 Keyes, J. W.....Wilbarger, Tex.
 Klinkenberg, Paul G. Noble, Ind.
 Kohler, Karl J.....Winona, Minn.
 Koons, Lloyd.....Berks, Pa.
 Kramer, George.....Logan, Ill.
 LeBella, G.....Newark, N. J.
 Lansdown, Fred H.....Porter, Ind.
 Lingo, W. B.....Monroe, W. Va.
 Macklin, Hazel.....Adams, Ind.
 Magnuson, Eric.....Rock Island, Ill.
 Mandelbaum, Robert.....
Wayne, Mich.
 Mann, Robert.....Wayne, Mich.
 Marshall, Carl.....Cook, Ill.
 Martin, Will.....Marquette, Ind.
 Mason, Clifford.....Cook, Ill.
 Maw, Harold B.....Grant, S. D.
 Mellen, Chas. F.....Warrick, Ind.
 Mersch, Joe.....LaSalle, Ill.
 Michnovitz, Y.....Wayne, Mich.
 Monroe, Roswell.Raleigh, W. Va.
 Moore, Geo.....Poinsett, Ark.
 Morgan, Thos. G. Beauregard, La.
 McCallum, M. C. Montgomery, Ind.
 McCarthy, D. Wm. Woodford, Ill.
 McCay, Bernard Montgomery, Ind.
 McCutcheon, Tavner.....
Nichols, W. Va.
 McWhorter, C. E.....Jasper, Ill.
 Neely, Horace.....Williamson, Ill.
 Newton, Wm. C.....Lake, Ind.

Noble, Barnet....New York, N. Y.
 Nussbaum, Leonard.....Mill, Ill.
 Orr, Hall.....Linn, Iowa
 Parker, James Henry.....
New York, N. Y.
 Picard, W. L.....Porter, Ind.
 Plette, G. W. Lloyd.....Blair, Pa.
 Pulliam, Harold.....Lincoln, Neb.
 Randall, Clifford S. Suffolk, N. Y.
 Ribas, J. B. Jr.....Kings, N. Y.
 Richard, Floyd.....Union, Iowa
 Ring, Geo. V.....Scott, Ill.
 Ritenour, C. A.....Shenandoah, Va.
 Roselip, Lloyd C. LaFayette, Wis.
 Rosenberg, Louis.....
New Haven, Conn.
 Ross, Lucretia C.....
Washington, D. C.
 Saltz, John H.....Peoria, Ill.
 Sawyer, Pearl Belle.....Porter, Ind.
 Schiver, Chas. H.....Berks, Pa.
 Seaman, Cris.....Presidio, Tex.
 Shaw, J. Harold.....Porter, Ind.
 Skaggs, C. C. Greenbrier, W. Va.
 Slutzker, Albert.....Mahoning, Ohio
 Smith, Jack.....Cass, Mich.
 Smyth, E. J.....Davies, Ill.
 Smyth, James J.....Lake, Ill.
 Snachodsky, Abraham.....Cook, Ill.
 Snider, Clifford.....Porter, Ind.
 Stallings, Walter A. Jackson, Ark.
 Stuart, Frank D.....Licking, Ohio
 Todd, Samuel.....Wayne, Mich.
 Ward, Angus I.....Houghton, Mich.
 Warren, Claude.....Attala, Miss.
 Wetters, Harry.....Bay, Mich.
 Wetzel, John Otto Herkimer, N. Y.
 Wiley, Noah S.....Poinsett, Ark.
 Williamson, E. C. Newton, Miss.
 Wilson, Edward.....
Cape Girardeau, Mo.
 Winski, Frank B. Fairfield, Conn.
 Woodruff, N. H.....Cache, Utah

Pre-Medical Class, 1914-15.

Aguiling, H. A.....Capiz, P. I.
 Alexis, Joseph A.....Schuylkill, Pa.
 Anshin, Marcus.....Kings, N. Y.
 Barrett, C. F.....Pike, Ky.
 Becker, DeForest.....Albany, N. Y.
 Bernstein, David.....Cook, Ill.
 Bertash, Anton J.....Bureau, Ill.
 Booth, Cay.....Wayne, W. Va.
 Brand, Frederick.....
Philadelphia, Pa.
 Bright, B. W.....Morris, N. J.
 Brooks, L. Roy.....Clay, Ala.
 Brothers, John H.....
Providence, R. I.
 Callaghan, R. L.....Sandusky, Ohio
 Callings, W. J.....Meagher, Mont.
 Carrick, C. W.....Canada
 Chesrow, Albert.....Cook, Ill.
 Clark, Marie Louise.....
Multnomah, Ore.
 Coplan, Albert.....Orleans, Vt.
 Diaz, B. D.....Porter, Ind.
 Delanen, E. J.....Essex, N. Y.
 Doyle, John Conan Hillsboro, N. H.
 Dubovey, Samuel.....Cook, Ill.

Ehrlich, Abraham J.....
New York, N. Y.
 Enebo, John A.....Wayne, Mich.
 Eurit, D. H.....Barbour, W. Va.
 Ferguson, Dorcas Anna.....
Flathead, Mont.
 French, Guy Clifford.....Wayne, Ill.
 Gaard, Christopher.Palo Alto, Ia.
 Graves, C. L.....Oxford, Maine
 Grady, Chas. D.....St. Mary, La.
 Groner, Fred M.....Kendall, Ill.
 Heisler, Walter L.....Elk, Kas.
 Hellweg, E. W.....Lawrence, Mo.
 Hermon, Stanley.....
New York, N. Y.
 Hill, Percy H.....Union, Ohio
 House, Floyd H.....Richland, N. D.
 Huguenard, Thomas W.....
Allen, Ind.
 Ikard, Don C.....Caddo, Okla.
 Ingber, A.....New York, N. Y.
 Ivanoff, Mitrfpan.Russia, Europe
 Jackson, Everett.....Sumner, Kas.
 Kalinsky, J. H.....Hartford, Conn.

Keefe, Aug. A.....	Franklin, Vt.	Nevins, Lucille Seville.....	
King, Frank L.....	Bowie, Tex.	.....	Madison, Ky.
King, F. Melville.....	Porter, Ind.	Park, C. R.....	Wyoming, Pa.
King, Frederick M.....	Lincoln, Me.	Perry, Wm.....	Wayne, W. Va.
Knappe, P. C.....	Calhoun, Mich.	Petronek, Chas. Wesley.....	
Krasnoff, George A.....	Kings, N. Y.	.....	Kankakee, Ill.
Kurtz, Gaylord.....	Allen, Ind.	Porta, Lester T.....	Cedar, Mo.
Kymmel, August.....	Hamilton, Ohio	Price, Grady D.....	Sabine, La.
La Fond, Dolor J.....	Bristol, Mass.	Proch, Leopold.....	Litchfield, Conn.
Larmey, C. F.....	Oxford, Maine	Questa, Guido J.....	Wyoming, N. Y.
Lipsitz, Frank.....	Cook, Ill.	Ramsey, Tom.....	Greene, Ill.
Lucas, N. F.....	Houghton, Mich.	Robertson, Arlo D.....	Lawrence, O.
Madsden, J.....	Worcester, Mass.	Romano, John R.....	Fairfield, Conn.
Malicoff, A. S.....	Russia, Europe	Sansom, Floyd R.....	Wayne, W. Va.
Manhoff, Ben.....	San Patricio, Tex.	Satter, Olaf E.....	Stevens, Minn.
Maw, Harold.....	Grant, S. D.	Scanlon, Wm.....	Mahoning, Ohio
Maxwell, Herman F.....	Linn, Mo.	Sidwell, Raymond.....	Pike, Ill.
Medcalf, J. W.....	Jefferson, Ohio	Smith, Tony.....	China, Asia
Medley, Seth R.....	Richland, Wis.	Socoloff, B.....	New York, N. Y.
Miller, Evan.....	Iowa, Wis.	Spelman, L. B.....	Kiowa, Okla.
Montani, A. C.....	Mahoning, Ohio	Stallings, Walker E.....	
Murphy, Francis Jos.....		.....	Jackson, Ark.
.....	Philadelphia, Pa.	Stowell, R. J.....	Porter, Ind.
Murphy, Harry.....	St. Clair, Mich.	Strohl, Theo. D.....	Carbon, Pa.
McCarrick, Leo F.....	Luzerne, Pa.	Susevitz, Nison.....	New York, N. Y.
McClain, Frank.....	Barber, Kas.	Vickery, L. Otis.....	Porter, Ind.
McElwain, Glenn B.....	Linn, Mo.	Weber, Frank.....	Germany, Europe
McGinnis, Russell.....	Ritchie, W. Va.	Wonsick, Joseph.....	Allegheny, Pa.
McMinn, Wiley W.....	Jackson, Ark.	Yeary, E. Brown.....	Collin, Tex.

DEPARTMENT OF MEDICINE.

Graduates of 1914.

Achatz, Frank.....	Cook, Ill.	Fowler, F. M.....	Milwaukee, Wis.
Allen, Verna.....	Boyd, Ky.	Fleming, E. H.....	Dodge, Ill.
Ashbough, R. A.....	Colorado, Col.	Freidstein, H.....	Marinette, Wis.
Balliff, J. O.....	Stoddard, Mo.	Fractman, M. B.....	Milwaukee, Wis.
Beard, F. G.....	Kay, Okla.	Fox, F. G.....	Cook, Ill.
Belzig, F. C.....	Cook, Ill.	Gellman, I. I.....	Kings, N. Y.
Bendes, J. H.....	Erie, N. Y.	Genochio, E. P.....	Cook, Ill.
Bona, J. J.....	Cook, Ill.	Glickson, S.....	Cook, Ill.
Bose, P. K. T.....	Tegharia, India	Ginsburg, L.....	Cook, Ill.
Brown, H. E.....	Starke, Ill.	Grant, C. C.....	Cook, Ill.
Bryant, J. H.....	Maricopa, Ariz.	Gregory, E. E.....	Posey, Ind.
Buchanan, F. R.....	Custer, Okla.	Groves, R. J.....	Sangamon, Ill.
Buckner, H. M.....	Edgar, Ill.	Haas, A.....	Cook, Ill.
Cannon, Vern.....	Vigo, Ind.	Hagan, J. L.....	Williams, N. D.
Chamness, E.....	Williamson, Ill.	Hollard, A. E.....	Madison, Ill.
Chance, J. H.....	Robertson, Tenn.	Hough, H. L.....	Nemaha, Kas.
Chand, K.....	Mean Wah, India	Johannes, E. W.....	Cook, Ill.
Chesrow, E. J.....	Cook, Ill.	Kern, M.....	Cook, Ill.
Chmatal, C. M.....	Cook, Ill.	Khafagy, A. M.....	
Conn, C. C.....	Pierce, Wash.	.....	Alexandria, Egypt
Conn, W. S.....	Pierce, Wash.	Khuri, A.....	Mt. Lebanon, Syria
Conger, S. B.....	Bienville, La.	King, A. C.....	Cook, Ill.
Cresceoni, D. A.....	Porto Rico	Knutson, A.....	Hennepin, Minn.
Crumine, L. B.....	Washington, Pa.	Laczynski, F.....	Erie, N. Y.
Culpepper, R. A.....	Cullman, Ala.	Laughlin, F. J.....	
Das Gupta, S. K.....	Dacca, India	.....	Niagara Falls, N. Y.
David, R. A.....	Providence, R. I.	Leininger, O.....	Cook, Ill.
Deason, John.....	Cook, Ill.	Lipps, P. K.....	Fort Worth, Tex.
DeFoe, A.....	Cook, Ill.	Lipson, I.....	Cook, Ill.
Dombrowski, E. F.....	Cook, Ill.	Littlejohn, D. M.....	Vigo, Ind.
Duffer, A. L.....	Eastland, Tex.	Levett, J.....	Cook, Ill.
Duncan, R. E.....	Jackson, Mo.	Logadon, W. K.....	Bee, Tex.
Eggers, E. L.....	Cook, Ill.	Loyola, Castella.....	
Epstein, S. S.....	Cook, Ill.	.....	Pennelas, Porto Rico
Fay, G. H.....	Walworth, Wis.	Lutz, E. H.....	Ramsey, Minn.
Fellows, F. B.....	Cook, Ill.	McCoy, W. B.....	Lancaster, Neb.

MacDonald, E. J.....Cook, Ill.
 Malmstone, F. A.....Lake, Ind.
 Manlove, C. H.....Blair, Pa.
 Marcus, S. M.....Cook, Ill.
 Marsh, Jessie.....Marshall, W. Va.
 Matsuo, T.....Nagasaki, Japan
 Marvis, F. H.....Allegheny, Pa.
 Mikalaitis, K.....Lithuania Russia
 Moore, Ina, L.....Orange, N. Y.
 Morgan, Ben.....Wasco, Ore.
 Morison, G. P.....Berkeley, W. Va.
 Morris, E. A.....Peoria, Ill.
 Mueller, G. A.....Fulton, Ark.
 Newman, J. C.....Gentry, Mo.
 Noel, Myrtle S.....Griggs, N. D.
 O'Connell, J.....Clinton, Mich.
 Osowski, F. A.....Erie, N. Y.
 Ozasa, T.....Nagasaki, Japan
 Papatheodore, C. G.....Cook, Ill.
 Parker, G. C.....Cook, Ill.
 Pavloff, Olga.....Cook, Ill.
 Pelant, F. J.....Hennepin, Minn.
 Peters, A. J.....Cumberland, Ill.
 Peters, R. E.....Green, Ill.
 Pfeffer, E.....Milwaukee, Wis.
 Pinkerton, F. J.....Lake, Ind.
 Pinkerton, H. E.....Cole, Mo.
 Pitts, C. E.....Cook, Ill.
 Pope, N. K.....Hickory, Mo.
 Puskunigin, F. B.....Cook, Ill.
 Randel, B. W.....Muskogee, Okla.
 Reddick, G. H.....Pulaski, Ind.
 Richards, J. L.....Hancock, Ill.
 Richardson, K. M.....Fulton, Ind.
 Roan, A. M.....Morgan, Ala.
 Rowan, J. E.....Fayette, Ohio
 Rutherford, R. J.....Madison, Fla.
 Ruyavitz, J. L.....Macoupin, Ill.
 Sandin, N. V.....Nicolette, Minn.
 Saunders, D. J.....Fannin, Tex.

Saul, O. R.....Cook, Ill.
 Schlageter, E. A.....Cook, Ill.
 Schlesinger, J.....Cook, Ill.
 Scheiner, C. J.....Cook, Ill.
 Schram, F. E.....Cook, Ill.
 Schied, E.....Cook, Ill.
 Seipel, H. O.....Lawrence, Pa.
 Sciarretta, S. A.....Termoli, Italy
 Shapiro, A. M.....Cook, Ill.
 Shipley, J. A.....Oak Park, Ill.
 Sims, C.....Hamilton, Ill.
 Skirpan, J. M.....Fayette, Pa.
 Slaughterhaupt, J.....Clarion, Pa.
 Smit, W. M.....Cook, Ill.
 Stapleton, T. M.....Orange, N. Y.
 Stone, S. J.....Cook, Ill.
 Sullivan, J. T.....Worcester, Mass.
 Sweetzer, A.....Cook, Ill.
 Tabenski,Cook, Ill.
 Tate, E. F.....Champaign, Ill.
 Taylor, R. W.....Gibson, Ind.
 Teets, E. A.....Upshaw, W. Va.
 Thompson, Agnes.....Cook, Ill.
 Thompson, C. P.....Cook, Ill.
 Tierney, C. J.....New Haven, Conn.
 Tigay, R.....Cook, Ill.
 Tolson, T. T.....LaFayette, La.
 Urkov, Joe.....Cook, Ill.
 Van Paing, J. F.....Marion, Ind.
 Verkler, S. H.....Cook, Ill.
 Vornholt, M. T.....Columbus, Ohio
 Walton, C. L.....Allegan, Mich.
 Wehn, C. C.....Cambria, Pa.
 Wezeman, P. H.....Cook, Ill.
 Whisler, F. M.....Wabash, Ind.
 Wilcox, E. V.....Livingston, Ill.
 Wilkinson, H. H.....Iron, Utah
 Wilson, R. S.....Fayette, Ky.
 Yonikis, J.....Cook, Ill.
 Zessin, E.....Ford, Ill.

Freshman, 1914-1915.

Adams, Frank S.....
Hillsborough, Fla.
 Alexander, Mike M.....Cook, Ill.
 Ash, Simon.....New York, N. Y.
 Ayres, V. U.....Gage, Neb.
 Baldus, H. J.....Cook, Ill.
 Beeson, Roscoe H.....Madison, Ind.
 Beynon, J.....Cook, Ill.
 Bingham, H. A.....Vanderburg, Ind.
 Blum, Harry.....Essex, N. J.
 Brinkerhoff, G. R.....Cook, Ill.
 Brown, Abraham.....Essex, N. J.
 Cintron, F.....Porto Rico, W. Indies
 Cogger, T. W.....Cook, Ill.
 Cunningham, Raymond.....
Hancock, Maine
 Craft, U. S.....Atchison, Kas.
 Chmielewski, John J.....
Milwaukee, Wis.
 Drummond, Dorris.....Bristol, Mass.
 Dyer, Vernon L.....
Pendleton, W. Va.
 Goldberg, C.....Cook, Ill.
 Glasser, J. G.....Cook, Ill.
 Ganyard, F. C.....Medina, Ohio
 Haag, A. F.....Chippewa, Wis.
 Haley, Clarence O.....Hancock, O.
 Harrison, Lee.....Lowndes, Miss.

Hediger, Edward.....Clinton, Ill.
 Heiss, Harry.....Cook, Ill.
 Henig, Israel S.....Essex, N. J.
 Hoag, H. C.....Jefferson, Wis.
 Hogshead, Ralph.....Monroe, W. Va.
 Ingrao, S.....Italy, Europe
 Jarrett, B. M.....
Rutherford, N. C.
 Kaplan, Joshua S.....Essex, N. J.
 Kramer, Florence.....
New York, N. Y.
 Kurr, E.....Decatur, Ind.
 Kultus, T.....Cook, Ill.
 Lash, A. L.....Cook, Ill.
 Lipsitz, F. M.....Cook, Ill.
 Lund, W. J.....Crow Wing, Minn.
 Lyon, Floy E.....Huron, Ohio
 Macklin, Hazel.....Adams, Ind.
 Maxwell, G. E.....Cook, Ill.
 McConnell, Lynn Merton.....
Onedia, N. Y.
 Miller, A. L.....Pierce, Neb.
 Miller, C. L.....Ballard, Ky.
 Montgomery, Luther.....Henry, Ky.
 Mott, Neva.....Dougherty, Ga.
 Mott, Wm.....Dougherty, Ga.
 Parowski, V. B.....Cook, Ill.

Parsons, Edgar Allen.....
McDowell, W. Va.
 Pfeiffer, Edith M.....Kent, Mich.
 Pomrenge, H.....Cook, Ill.
 Power, J. E.....Minnesota
 Przgocke, S. F.....Cook, Ill.
 Rodgers, John A.....Queens, N. Y.
 Rombkowski, John Anthony...
Lucas, Ohio
 Schoon, Theodore...Kossuth, Iowa
 Schumacher, Fred...Hudson, N. J.
 Seale, C. W.....Manitoba, Canada
 Showacre, Edward C.....
Allegany, Md.
 Smith, A. E.....Cuyahoga, Ohio

Smith, Dale.....Shelby, Ill.
 Smith, Hershel.....Iroquois, Ill.
 Snider, J. T.....Adams, Ill.
 Sokoloff, Anna.....Cook, Ill.
 Stader, C. J.....New York, N. Y.
 Svechcoff, Fannie.....Cook, Ill.
 Taylor, A. C.....Cook, Ill.
 Tichy, L. S.....Cook, Ill.
 Weissman, B.....Cook, Ill.
 White, Manor.....Fayette, Ill.
 Woody, W. Sterling.....
Nottoway, Va.
 Worley, Eugene.....Cache, Utah
 Worsley, E. F.....Yorkville, Ill.
 Zahler, Henry.....Cook, Ill.

Sophomore, 1914-1915.

Afable, Valentine..Philippine Is.
 Alden, W. C.....Cook, Ill.
 Allen, G. D.....Prescott, Ont.
 Bagby, Will A.....Ashe, N. C.
 Bagocius, D. J.....Suffolk, Mass.
 Baker, N. A.....Houghton, Mich.
 Behla, H.....Iteridad, Alaska
 Blackburn, G. R.....
Westmoreland, Pa.
 Blackburn, P. M.....
Westmoreland, Pa.
 Bousa, B.....Cook, Ill.
 Brackett, Leon G...Somerset, Me.
 Cable, Clyde H.....Stark, Ohio
 Callahan, A. R.....LaCrosse, Wis.
 Calonge, Guy.....Fremont, Idaho
 Calvin, Arch B.....Cook, Ill.
 Campbell, A. S.....
Westmoreland, Pa.
 Cannon, F. M.....Yavapai, Ariz.
 Casserly, Edward.....Jamaica
 Cella, Frank J.....Cook, Ill.
 Childers, W. K.....Cook, Ill.
 Chouinard, C.....Cook, Ill.
 Chynoweth, Wm. R.....
Montgomery, Ohio
 Clayton, H. C.....Logan, Ohio
 Cohan, Sol G.....Cook, Ill.
 Collins, H. L.....Cook, Ill.
 Conway, S. J.....Cook, Ill.
 Cook, R. S.....Cook, Ill.
 Cooney, William C. Tyler, W. Va.
 Davenport,Cook, Ill.
 Davis, Celia.....Cook, Ill.
 DeFreitas, J. A...Sangamon, Ill.
 Diamondstein, Joseph.....
Kings, N. Y.
 Dorzeski, E. F...Langlade, Wis.
 Eisenburg, P...Milwaukee, Wis.
 Emery, C. E...Silver Bow, Mont.
 Ernst,Erie, N. Y.
 Everhart, A. M...Highland, Ohio
 Fairbanks, J. G.....Cook, Ill.
 Feightner, L. R.....
Westmoreland, Pa.
 Felsher, W. Z.....Cook, Ill.
 Ferrell, J. V.....Gallatin, Ill.
 Finberg, J.....Ramsey, Minn.
 Fitch, R. I.....Monroe, Wis.
 Flint, C. W.....Cook, Ill.
 Flesher, Roy E...Curtis, Mont.
 Folkowitz, Max.....Cook, Ill.
 Font, A. J...San Juan, Porto Rico

Folsom, S. D.....Cook, Ill.
 Fredrickson, Gereon.....
Dickinson, Mich.
 Gallagher, S...Washington, N. Y.
 Gannon, N. D.....Erie, Pa.
 Gazda, Myrtle.....Cook, Ill.
 Gecht, Max.....Cook, Ill.
 Geiger, U. S.....Iowa, Iowa
 Gowdy, Ralph.....
Koochiching, Minn.
 Halyama, G. E.....
Westmoreland, Pa.
 Hassett, J. P.....Cook, Ill.
 Hennan, Clarence W.....
Richland, Wis.
 Hershman, M.....Cook, Ill.
 Hiatt, Homer.....Noble, Ind.
 Itzkowitz, M. I.....Cook, Ill.
 Jenkins, Sophia.....Cook, Ill.
 Jerdee, I. C.....Dane, Wis.
 Johnston, Geo. F...Franklin, Ia.
 Johnston, H. H...Franklin, Ia.
 Kaminski, Henry...Scioto, Ohio
 Kerr, S.....Cook, Ill.
 Koraitis, Peter.....Cook, Ill.
 Korseniewski, J.....Cook, Ill.
 Krugmeier, Carl E.....
Ramsey, Minn.
 Kupke, E. H.....Pulaski, Ind.
 Laird, A. W.....Wayne, Ohio
 Lawson, J. C.....Mingo, W. Va.
 Levine, E.....Cook, Ill.
 Levine, Jacob.....Cook, Ill.
 Levinthal, Daniel H...Cook, Ill.
 Lewin, Alfred.....Cook, Ill.
 Liederman, Moses E...Cook, Ill.
 Liefers, Harry...Ottawa, Mich.
 McDonald, F.....Cook, Ill.
 McGregor, D.....Grant, Ind.
 Marble, Myer.....Cook, Ill.
 Marland, T. S.....Marshall, Ill.
 Martin, Dawson...Ascension, La.
 Martini, Natter C.....
New York, N. Y.
 Maxon, E. D.....McHenry, Ill.
 Meister, E. E...Livingston, Ill.
 Moles, Joseph.....Cook, Ill.
 Narbutt, Virginia S...Cook, Ill.
 Neighbor, W. H...Monroe, Iowa
 Neubaum, Herman J.....
Mower, Minn.
 O'Dell, R. Owen...Gallia, Ohio
 Parsons, H. E.....Stone, Mo.

Pangerl, Charles.....
Germany, Europe
 Parks, R. L.....Cook, Ill.
 Pavia, M.....
San Sebastian, Porto Rico
 Pelegrina, Maguel.....
Aguadella, Porto Rico
 Polishuck, I.....Cook, Ill.
 Powell, W. S.....Wells, Ind.
 Preston, J. C.....Floyd, Ky.
 Probst, Jake.....Cook, Ill.
 Pusch, J. B.....Iowa, Wis.
 Reunschm, Frank.....Cook, Ill.
 Roche, N. J.....Lambton, Ont.
 Rohow, F. M.....Ashland, Wis.
 Rowell, C. L.....Porter, Ind.
 Sawyers, Grace M.....Adair, Iowa
 Segal, George M.....Cook, Ill.
 Shkodnick, Gussie.....
New York, N. Y.
 Shryer, J. L.....Cedar, Iowa
 Shutack, John A.....Carbon, Pa.
 Spalo, Rose M.....Cook, Ill:

Junior, 1914-1915.

Adams, M. F.....Steele, Minn.
 Aron, B.....Cook, Ill.
 Andrews, Frank L.....
Cerro Gordo, Iowa
 Abramson, B. W.....Cook, Ill.
 Andrus, E. E.....Lake, Ind.
 Adams, J. Q.....Steele, Minn.
 Blakeman, L. J.....Richland, Wis.
 Barnett, S.....Cook, Ill.
 Burgner, Benj. H.....Cook, Ill.
 Bricker, A. E.....Ontario, Canada
 Boswell, John.....Henry, Ill.
 Bernstein, Julius.....Cook, Ill.
 Blesse, H. S.....Kane, Ill.
 Brown, F. W.....Apache, Ariz.
 Biezis, S.....Cook, Ill.
 Beil, H. H.....Ashland, Wis.
 Bishop, E. V.....Boone, Ill.
 Black, J. M.....Greene, Ill.
 Bair, R. R.....Seneca, Ohio
 Blim, S. P.....Will, Ill.
 Bowers, L. L.....Tuscarawas, Ohio
 Bergen, Jacob A.....Cook, Ill.
 Balmer, F. B.....Cook, Ill.
 Bennett, Zina.....Wayne, Mich.
 Casey, J. A.....Cook, Ill.
 Casanova, A. Penuelas, Porto Rico
 Carroll, E. P.....Cook, Ill.
 Costello, W. J. New Haven, Conn.
 Cannon, M. P.....Cook, Ill.
 Collier, Little K.....Macon, Ill.
 Chmelik, F. J.....Cook, Ill.
 Cohen, Mandel A.....Cook, Ill.
 Coen, W. W.....Allegheny, Pa.
 Cram, W. W.....O'Brien, Iowa
 Chapas, Benedict.....Lith, Russia
 Carpenter, R. M.....Orange, N. Y.
 Cloud, H. B.....Sac, Iowa
 Craft, R. R.....Atchison, Kas.
 Dale, Earl E.....Cook, Ill.
 Dahl, Petra M.....Winnesheik, Ia.
 deHes, M.....Cook, Ill.
 DeCousky, A.....Russia
 Degan, J. L.....Cook, Ill.

Smith, Byron J.....
New York, N. Y.
 Stanton, Donald I.....Hancock, Ill.
 Stewart, Lena.....Wapello, Iowa
 Thayer, W. F.....Cook, Ill.
 Tompkins, Harry S. Camden, N. J.
 Vaughan, B. H.....Greenup, Ky.
 Venzke, H.....Canada
 Wambsganss, Line.....
Landau, Germany
 Warrick, J. D.....Chrenshaw, Ala.
 Weiss, Amy.....Cook, Ill.
 Weissman, D.....Polotzk, Russia
 Weldy, Claude.....Pulaski, Ill.
 Whelan, Henry J. Jr.....
Bristol, Mass.
 Wilson, U. R.....Warrick, Ind.
 Wood, Samuel H.....Nishobo, Miss.
 Woolson, Clement Ramsey, Minn.
 Worthington, E. J. Richland, Ill.
 Yates, A. S.....Carter, Ky.
 Yeran, Vahan.....Cook, Ill.
 Zibelman, Frank A.....Cook, Ill.

Dinsmore, A. J.....Morgan, Ala.
 Denney, R. W.....Custer, Okla.
 DeGrand, A. J.....Door, Wis.
 Droock, Victor.....Barron, Wis.
 Dulak, Francis A.....
Milwaukee, Wis.
 Dockery, E. E. Fond du Lac, Wis.
 Echerer, T. J.....Cook, Ill.
 Erman, J. M.....Cook, Ill.
 Eustice, E. L.....Jasper, Iowa
 Everhart, A. G.....Highland, Ohio
 Eide, I. O.....Cook, Ill.
 Eichler, T. F.....Norman, Minn.
 Eye, B. F.....Dickinson, Kas.
 Frybarger, S. S.....Howard, Ind.
 Frybarger, C. E.....Howard, Ind.
 Ferrell, Z. B.....Jackson, W. Va.
 Full, Leo J.....LaSalle, Ill.
 Feldman, E.....New Jersey, N. J.
 Fink, A. H.....Passaic, N. J.
 Fitch, R. F.....Monroe, Wis.
 Fischer, H. L.....Cook, Ill.
 Ferrer, J. C.....
Santurce, Porto Rico, W. I.
 Font, A. J.....
San Juan, Porto Rico, W. I.
 Gapinski, L.....Milwaukee, Wis.
 Garness, L.....Lincoln, S. D.
 Gittelis, H.....Cook, Ill.
 Gleason, M. H. Silver Bow, Mont.
 Graft, J. H.....Perry, Miss.
 Guinea, W. E.....Cook, Ill.
 Guma, R. O.....Cuba, W. Indies
 Hathaway, S. E. Mongolia, W. Va.
 Haley, C. R.....Carroll, Tenn.
 Hans, E.....Cook, Ill.
 Hamilton, R. C.....Cass, N. D.
 Halpert, J. D.....Cook, Ill.
 Hansen, M. M.....Kent, Mich.
 Hammer, W. P. Pendleton, W. Va.
 Harrison, C. E.....Bienville, La.
 Heider, J. E.....Cook, Ill.
 Heetdrick, B.....Kent, Mich.
 Henkin, Henry.....Cook, Ill.
 Hodes, P. E.....Cook, Ill.

- Hollands, A. Cook, Ill.
 Holcomb, A. A. Oakland, Mich.
 Hopkins, J. J. Pendleton, W. Va.
 Hopkins, P. E. Cook, Ill.
 Houchins, E. K. Mercer, W. Va.
 Hubrig, M. H. Sheboygan, Wis.
 Hummon, I. F. Cook, Ill.
 Ives, L. C. Ottawa, Mich.
 James, F. T. Cook, Ill.
 Jennings, J. B. Gallatin, Ill.
 Jirsa, O. J. Cook, Ill.
 Jacobson, G. H. Wayne, Ill.
 Johnson, I. G. Waukesha, Wis.
 Johnson, W. A. Cook, Ill.
 Johnson, J. K. Pope, Ill.
 Johnstone, O. O. Midland, Mich.
 Johnson, T. S. Cook, Ill.
 Kaminski, Z. L. Wayne, Mich.
 Kaminski, L. R. Wayne, Mich.
 Keenan, T. P. Milwaukee, Wis.
 Kendrick, O. G. Spalding, Ga.
 Klontz, C. W. Stephenson, Ill.
 Knopa, J. F. Cook, Ill.
 Kulczinski, A. Cook, Ill.
 Kvitek, L. C. Cook, Ill.
 Kwiecinski, E. W. Wayne, Mich.
 Laugier, J. R.
 Porto Rico, W. Indies
 Leef, I. A. Cook, Ill.
 Lohman, O. Cook, Ill.
 Lopez, A. O. Porto Rico, W. Indies
 Luxan, H. J. Williams, Ohio
 Lyons, A. J. Cook, Ill.
 Mann, S. Cook, Ill.
 Maas, D. A. Waupaca, Wis.
 Malouf, S. Syria, Asia
 Magnus, A. B. New York, N. Y.
 Marley, L. M. Montgomery, Ill.
 Martin, J. N. Apponoose, Iowa
 Markson, M. R. Cook, Ill.
 Marowitz, Max. Allegheny, Pa.
 Mason, Etta. Genesee, Mich.
 Matney, T. G. Monroe, W. Va.
 Mildner, F. R. Neosho, Kas.
 Miller, J. E. New York, N. Y.
 Miller, F. E. Wayne, Ill.
 Morrill, Elizabeth B.
 Hampden, Mass.
 Morrison, C. R. Jefferson, Ill.
 Murray, J. H. Jefferson, Ohio
 McArthur, C. H. Calhoun, Fla.
 McCormick, W. C. Lincoln, Wis.
 McDonough, J. M. Olmsted, Minn.
 McCullough, J. D. Loundes, Miss.
 McKinney, Ira. Champaign, Ill.
 McLaughlin, J. W. Cook, Ill.
 Napieralski, Stella H. Cook, Ill.
 Nelson, C. H. Pott, Iowa
 Newman, I. New York, N. Y.
 Notbohm, D. R. Waukesha, Wis.
 Nugent, A. C. Milwaukee, Wis.
 Nyvall, J. Y. Clay, Minn.
 Odegard, B. Freeborn, Minn.
 Ogle, H. E. Washington, Ind.
 Oliver, M. A. Cook, Ill.
 O'Connor, J. A. Cook, Ill.
 O'Grady, G. E. Michigan
 Panek, A. F. Michigan
 Pathofsky, A. Cook, Ill.
 Peabody, H. C. Day, S. D.
 Penchina, M. Russia, Europe
 Perkins, L. A. Jackson, Ill.
 Peterson, M. B. Grant, Ill.
 Platt, A. R. Johnson, Neb.
 Pietroski, J. C. Bureau, Ill.
 Price, B. L. Crawford, Ill.
 Quinn, G. P. Crawford, Pa.
 Ray, Roy. Roane, W. Va.
 Reeves, T. W. Carroll, Ga.
 Rentfro, C. C. Cook, Ill.
 Rogers, P. E. Pittsylvania, Va.
 Rollins, F. T. Suffolk, Mass.
 Rotman, D. Cook, Ill.
 Rubinstein, J. Cook, Ill.
 Sachnovitz, M. Cook, Ill.
 Saunders, R. H. Barren, Ky.
 Sairtsky, L. Cook, Ill.
 Serritella, M. A. Cook, Ill.
 Schroeder, L. P. Houghton, Mich.
 Schiffl, O. F. Williams, Ohio
 Seaforth, A. E. Cook, Ill.
 Schmidt, A. W. Bremer, Iowa
 Serna, M. A. Cook, Ill.
 Shafer, C. A. Richland, Ohio
 Shortt, P. E. Allamakee, Iowa
 Silverman, E. New York, N. Y.
 Singer, R. M. Cook, Ill.
 Simon, O. B. Williams, N. D.
 Slatkovitz, H. E. Cook, Ill.
 Smith, A. H. Warrick, Ind.
 Smith, W. J. Missouri
 Solomon, H. S. New York, N. Y.
 Solomon, S. I. Westchester, N. Y.
 Solovay, J. Cook, Ill.
 Sorkin, J. J. Kings, N. Y.
 Spellman, M. T. St. Louis, Minn.
 Stephens, E. A. Luzerne, Pa.
 Stites, Ora. Coles, Ill.
 Swanberg, H. Cook, Ill.
 Slotkovitz, E. H. Cook, Ill.
 Schulz, A. W. Cook, Ill.
 Summers, A. Cook, Ill.
 Tatarsky, S. Cook, Ill.
 Taylor, A. C. Grant, W. Va.
 Teterski, J. S. Beadle, S. D.
 Thompson, J. C. Champaign, Ill.
 Thomson, H. I. Jefferson, Fla.
 Tubergen, B. F. Cook, Ill.
 Turner, F. C. Lincoln, Kas.
 Thomas, E. H. Canada
 Tschetter, J. S. Cook, Ill.
 Van de Sand, G. F. Racine, Wis.
 Van Slyke, F. H. Swift, Minn.
 Werum, P. D. Lucas, Ohio
 Wiley, C. R. Cook, Ill.
 Willstead, O. D. Peoria, Ill.
 Wiseman, H. O. Washington, Ind.
 Wilson, D. Ontario, Canada
 Wilkinson, J. J. Milwaukee, Wis.
 Williamson, H. W. Lucas, Ohio
 Willett, I. H. New York, N. Y.
 Wilson, K. C. Stephenson, Ill.
 Williams, W. H. Rutland, Vt.
 Willits, J. Cook, Ill.
 Witten, H. S. Cook, Ill.
 Wright, R. D. Schoolcraft, Mich.
 Yoffe, S. Plymouth, Mass.
 Zilvitis, P. M. Cook, Ill.
 Zolla, N. Cook, Ill.

Senior, 1914-1915.

Aguilar, E. D....Zambales, P. I.
 Ajemian, M....Armenia, Turkey
 Allen, A. E....Edgar, Ill.
 Andrews, F. L...Kennebeck, Me.
 Arche, A. C.....
Porto Rico, W. Indies
 Atwood, Wm. Walla Walla, Wash.
 Anderson, O. E.....
St. Catherine, W. Indies
 Austin, C. B.....Cabot, Ark.
 Bair, R. R.....Cook, Ill.
 Baur, F. J.....Pepin, Wis.
 Bailey, A. S.....Kenosha, Wis.
 Beatty, J. J.....Buchanan, Mo.
 Bell, H. W.....Washington, Pa.
 Box, T. T.....Lamar, Ala.
 Bomar, Chas. V.....Polk, Tex.
 Bovik, L. E.....Cook, Ill.
 Bowen, W. S.....Bedford, Pa.
 Bourque, W. E.....Cook, Ill.
 Brink, H. W...Chautauqua, N. Y.
 Brown, S. V. I...Milwaukee, Wis.
 Burke, R. O.....Cook, Ill.
 Boswell, J. T.....Henry, Ill.
 Cain, Myra.....Niles, Mich.
 Campbell, Nathan...Henry, Iowa
 Chipman, Nettie.....Cook, Ill.
 Conlee, C. C.....Illinois
 Copelan, I. C.....Wood, W. Va.
 Copeland, H. B.....Illinois
 Cohen, Mandel.....Cook, Ill.
 Czubachowski, J. M.....
Wayne, Mich.
 Dahlbo, J. E.....Cook, Ill.
 Dana, F. C...Fond du Lac, Wis.
 Danielson, W. A.....Polk, Neb.
 deHes, M.....Cook, Ill.
 Emenhiser, L. C.....Allen, Ind.
 Eichles, T. F.....Norman, Minn.
 Estes, C. J.....Saline, Ill.
 Ellis, C.....Santa Domingo, S. A.
 Ezzat, M.....Egypt, Africa
 Evans, R. O.....Vigo, Ind.
 Foard, F. O.....Catawba, N. C.
 Ford, L. H.....Marion, Ala.
 Frawley, Wm. J. Antogania, Wis.
 Furno, P. H.....Cook, Ill.
 Fruth, H. E.....Seneca, Ohio
 Gaebe, E. C.....Morton, N. D.
 Gittelis, H.....Cook, Ill.
 Grajales, Jose...Pueblo, Mexico
 Graham, J. A.....Cook, Ill.
 Graham, R. D...St. Louis, Minn.
 Grant, B. C.....Tarrant, Tex.
 Guzman, Manuel.....
Porto Rico, W. Indies
 Geehan, M. F.....Wisconsin
 Hamilton, B. J...Benton, Wash.
 Harper, C. A.....Roane, W. Va.
 Harvey, J. F.....Greene, Pa.
 Harney, J. B...New Orleans, La.
 Harwood, R. S.....Cook, Ill.
 Hinrichs, R. G...Pocahontas, Ia.
 Higbe, D. M.....Des Moines, Ia.
 Henry, E. V.....Marlin, Tex.
 Hollands, A....Toronto, Canada
 Huey, H. G.....Coffee, Ala.

Inman, W. B.....Jackson, Ill.
 Jones, S. D.....Monroe, Wis.
 Kaufman, Ike.....Cook, Ill.
 Kazmierowski, J. J.....
Milwaukee, Wis.
 Kelly, G. F.....Milwaukee, Wis.
 Kessel, Roy....Jackson, W. Va.
 Kleinberg, H. E. Middleseee, Mass.
 Kohn, Jacob.....Cook, Ill.
 Lando, M.....Wayne, Mich.
 Leahy, J. D....Sheboygan, Wis.
 Lehman, E. W.....Polk, Fla.
 Levin, Eli.....Ontario, Canada
 Litz, S. J.....Cook, Ill.
 Lynch, S. E.....LaCrosse, Wis.
 Luce, G. D.....Wyoming, Pa.
 Mendin, J...Porto Rico, W. Indies
 Minner, Morris G.....
Milwaukee, Wis.
 McNevens, E. S.....Brown, Wis.
 Mosby, Geo. L.....Cook, Ill.
 Morales, M. Porto Rico, W. Indies
 Morales, M. G.....
Porto Rico, W. Indies
 Murphy, O. H.....Knox, Ill.
 McGuiggan, J. E. Faribault, Minn.
 Napiantek, W. B...Monroe, Mich.
 Neef, Raymond J. Columbia, Wis.
 Nicholson, L.....Grayson, Tex.
 Norman, J. G...Providence, R. I.
 Ozasa, T.....Japan
 Ochs, A.....Cook, Ill.
 O'Shea, J. W....Chemung, N. Y.
 Oliver, J. O.....Cook, Ill.
 Pellet, W. J...Manitowoc, Wis.
 Pennington, P. C. Hancock, Ohio
 Quinones, N.....
Porto Rico, W. Indies
 Quinlan, E. D. Cattaraugus, N. Y.
 Quitmeyer, J. C...Ottertail, Minn.
 Quinn, T. J.....Livingston, Ill.
 Randel, H. O...Muskogee, Okla.
 Reeves, Mrs. V.....Cook, Ill.
 Robinson, V....New York, N. Y.
 Reguero, Jose.....
Porto Rico, W. Indies
 Rios, R. A. Porto Rico, W. Indies
 Rivas, J...Porto Rico, W. Indies
 Rice, W. P.....Oneida, Wis.
 Rivera, C. L.....
Porto Rico, W. Indies
 Ryan, McDonald Red Willow, Neb.
 Sala, E. De. C.....
Porto Rico, W. Indies
 Scheier, A.....Milwaukee, Wis.
 Schwartz, F. F.....Cook, Ill.
 Sheehan, J. R...Milwaukee, Wis.
 Shimotakahara, K.....
Kagoshima-Ken, Japan
 Soltero, J. R. Porto Rico, W. Indies
 Smith, J. A.....Jackson, W. Va.
 Smith, A. A.....Roane, W. Va.
 Staben, G. W.....Cook, Ill.
 Stefanez, J.....Calumet, Mich.
 Stern, J. J.....Cook, Ill.
 Sutter, E. H....Milwaukee, Wis.
 Stewart, Floyd.....Cook, Ill.

Schwartz, F. F.....Cook, Ill.
 Schram, F. E.....Cook, Ill.
 Terwilliger, Wm. C....Butler, Pa.
 Torres, Jose R.....
Porto Rico, W. Indies
 Tobinski, J. J....Silver Bow, Mont.
 Thomas, E. H....Vancouver, B. C.
 Turner, L. L.....Stephenson, Ill.
 Turner, F. C.....Lincoln, Kas.
 Uhrenholt, M. M.....Denmark

Vella, S.....Livingston, N. Y.
 Watts, Albert A.....Lake, Ind.
 Wegener, K. F. E.....
Lancaster, Neb.
 Weyland, H.....Sauk, Wis.
 Whiteside, C. T....Mason, W. Va.
 Wiercinski, J. G.....Cook, Ill.
 Wimp, Ursa.....Lewis, Mo.
 Yengst, H. L.....Lebanon, Pa.

Pre-Medic Year 1914-1915

Appelbaum, I....Russia, Europe
 Bishop, N. L.....Cook, Ill.
 Bateman, Jos. J.....Cook, Ill.
 Cohen, Harry.....Russia, Europe
 Falek, J.....Cook, Ill.
 Fossum, Cornell...Carlton, Minn.

Leo, J. E.....Cook, Ill.
 Lipsitz, F. M.....Cook, Ill.
 MacDonald, A. N.....
Nova Scotia, Canada
 Orzeszyski, P. J.....Cook, Ill.
 Wolinski, E. H.....Cook, Ill.

DEPARTMENT OF DENTISTRY.

Graduates of 1914.

Agranat, Aaron Joseph.Cook, Ill.
 Ames, Charles Marion.....
Klamath, Ore.
 Anderson, Albertson Warren..
Burnett, Wis.
 Beatty, Burrell Boston.....
McLean, Ill.
 Belding, Clarence Rush.....
Silver Bow, Mont.
 Bellows, Hjalmar Nicholas....
Cook, Ill.
 Benner, George Franklin.....
Barry, Mich.
 Berkenstadt, Abraham B.....
Cook, Ill.
 Bowie, Burt Donald.Colfax, Neb.
 Bowie, William Sovereign.....
Cook, Ill.
 Breet, Arno Lawrence..Cook, Ill.
 Brevig, Colburn H. Hansen....
Cook, Ill.
 Burns, Robert Stanley.....
Jefferson, N. Y.
 Caldwell, Gordon Conant.....
Hastings, Ontario
 Carde, Jose G. San Sebastian, P. R.
 Carlsen, William Irving.....
Cook, Ill.
 Chaput, Elmer John.....
Houghton, Mich.
 Cocalis, Constantine D.....
Laconia, Greece
 Crouch, Walker Medley.....
Hamilton, Ill.
 Cyrier, Oscar.....Cook, Ill.
 DeRome, R. A.....Cook, Ill.
 Dilger, Frank Sherman.....
Hutchinson, S. D.
 Emery, J. Selton..Goodhue, Minn.
 Fehr, John Frank.....
Bohemia, Austria
 Fernandez, Sebastian.....Spain
 Finkelstein, Arthur...Cook, Ill.
 Flath, Norman Rothwell.....
Wellington, Ontario
 Fletcher, Cyrus..Alberta, Canada
 Ford, J. W.....Livingston, Ill.
 Friedman, Julius..Kankakee, Ill.

Fuerstenberg, Herbert Saul...
Cook, Ill.
 Gindich, Isaac H.....Cook, Ill.
 Ginsberg, Jacquin Lawrence...
Cook, Ill.
 Giswold, Robert...Burnett, Wis.
 Goloven, Alex.....Ramsey, Minn.
 Gribble, Arthur Thomas.....
Houghton, Mich.
 Haines, Harlan Evan.....
McDonough, Ill.
 Hardy, Ray Covell Winnebago, Ill.
 Harwood, Ernest Edward.....
Livingston, Ill.
 Hayden, William Maxwell.....
Juneau, Wis.
 Heide, Albert.....Paris, France
 Hennis, Harry W....DeKalb, Ill.
 Herzberg, E. I.....Cook, Ill.
 Itatani, Tatsuji.Okayama, Japan
 Jacobson, Abraham H. Bay, Mich.
 Jaffe, Robert Wolfram..Cook, Ill.
 James, Lorne Vernon.....
Watford, Ontario
 Jenkin, Leonard Arthur.....
Cascade, Mont.
 Kanief, Paul William...Cook, Ill.
 Kargau, Harvey.....Cook, Ill.
 Karr, Guy Atchison..McLean, Ill.
 Kawai, Watari Yamada.....
Tokyo, Japan
 Kemp, Pieter Hendrick vander
The Netherlands
 Kinsman, Robert Emmett.....
Black Hawk, Iowa
 Kitamura, Jiro..Nagasaki, Japan
 Ladao, Joaquin.....P. Islands
 Larson, John H.....Cook, Ill.
 Leavitt, Richard A.....Cook, Ill.
 Leef, Hyman Abramove.....
Yahobine, Russia
 Leininger, Luther Raymond...
Cook, Ill.
 Leopold, Hendrick.....
Leewarden, Holland
 Lindass, Martin Rudolph.....
Traill, N. D.

Lindburg, Harry L.....Rock Island, Ill.
 Lohmann, Emile Mary.....Outagamie, Wis.
 Lynch, John Edward...Cook, Ill.
 MacCrostie, John Roy.....Belfast, Ontario
 Martin, Julius Herman.....Hennepin, Minn.
 Martineau, Albert Alfred.....Rolette, N. D.
 Mathison, Wegor Emerson.....Iroquois, Ill.
 McNeil, William Izatt.....Cache, Utah
 Michman, Michael.....Cook, Ill.
 Miller, Thomas G. Whiteside, Ill.
 Minch, Frank Phillip...Ford, Ill.
 Minn, Samuel.....Cook, Ill.
 Miyamoto, Konai Kawasaki.....Tokyo, Japan
 Nelson, John Berger.....Bon Homme, S. D.
 Newberger, Alois Debrovy.....Cook, Ill.
 Norlander, Waldo Hjalmer.....Lake, Ill.
 Norton, Harry Diamond.....Scotland, Mo.
 Pelka, Frank Xavier...Cook, Ill.
 Pendergast, Walter Thomas...Linn, Iowa
 Pfister, Joseph Anton...Cook, Ill.
 Phillips, Donald Milton.....Trempealeau, Wis.
 Preston, Alexander Pypier.....Cache, Utah
 Prugh, Elmer Andrews...Cook, Ill.
 Ransie, Wayne...Towner, N. D.
 Robinson, Forest Lenhardt...Alameda, Cal.
 Rockoff, Abraham L....Cook, Ill.
 Rome, Harry Chas....Cook, Ill.
 Rosenzweig, Nathan Marcus.....Cook, Ill.
 Saavedra, Henri.....Dutch Guyana, S. America
 Schlitz, Nickolas Joseph.....Jackson, Iowa
 Schuluchter, LeRoy Solomon...Huron, Mich.
 Schuhmann, Robert.....Bavaria, Germany
 Schuurman, Peter H....Cook, Ill.

Secor, Frank Charles.....Saunders, Neb.
 Sheehy, Mark Kirby...Brown, Wis.
 Shimandle, Edward Anton.....Kewaunee, Wis.
 Shurtliff, John Warren.....Weber, Utah
 Siegel, Sigmond Albert...Cook, Ill.
 Simonek, Anna Emily...Cook, Ill.
 Sitkin, John J.....Cook, Ill.
 Skoien, Ivan Morris...Cook, Ill.
 Smart, Floyd E....Juneau, Wis.
 Smith, R. E.....LaSalle, Ill.
 Snowdon, Harold Henry.....Sault Ste. Marie, Ontario
 Soboleff, Hosea S....Cook, Ill.
 Stepanek, Charles....Cook, Ill.
 Stockfleth, Frederick Hille...Cook, Ill.
 Stransky, P. J.....Cook, Ill.
 Sweeney, Clarence Anthony...Grant, Wis.
 Thatcher, Edgar Ballif.....Cache, Utah
 Tichy, Marie Marek...Cook, Ill.
 Tichy, Mabel Blanche...Cook, Ill.
 Tintera, Joseph Vincent...Cook, Ill.
 Urbanek, Joseph James...Cook, Ill.
 Vezel, Charles Zidorius.....Worcester, Mass.
 Villiers, Amouri Louis de.....Cape Colony, S. Africa
 Vries, Arie de...Utrecht, Holland
 Waddoups, Ezra...Blaine, Idaho
 Warden, Oliver.....Cook, Ill.
 Wiedder, Joseph G....Cook, Ill.
 Werner, Willy Gustav.....Berlin, Germany
 Westgate, Roy L. Manitowoc, Wis.
 Wilde, Jan de...Utrecht, Holland
 Williams, Ira William.....Conway, Ark.
 Willman, Clarence Walter.....Kankakee, Ill.
 Wilske, Joseph William.....Schenectady, N. Y.
 Wirth, Henry John...Peoria, Ill.
 Witt, Edward Charles.....Manitowoc, Wis.
 Woodworth, Hal Walter Clay, S. D.
 White, David Harold Elmira, Ont.
 Worcester, Milton F.....Black Hawk, Iowa
 Yake, J. Calvin....Sask, Canada
 Yonover, Nafthali....Cook, Ill.

Freshman, 1914-1915.

Agosto, Benedict.....Cook, Ill.
 Altman, Bernard...Milwaukee, Wis.
 Anderson, Edwin R.....Marinette, Wis.
 Anderson, Oscar...Muskegon, Mich.
 App, James Edward...Cook, Ill.
 Ascher, David H....Cook, Ill.
 Ashton, Lawrence N....Cook, Ill.
 Axelrod, Samuel E....Cook, Ill.
 Bahadour, Khoren.....Constantinople, Turkey

Bancherel, Clarence Eugene...Fayette, Ill.
 Barmore, Del.....Cook, Ill.
 Beguian, Parnag.....Samsoun on Black Sea
 Bernsen, Louis B....Cook, Ill.
 Bethea, Malcolm...Jefferson, Ala.
 Beveridge, Charles D.....Gallatin, Mont.
 Brandau, Charles H....Cook, Ill.
 Bridwell, Wesley A.....Cerro Gordo, Iowa

- Brockbank, Heber D...Utah, Utah
 Budka, Miss Minnie A...Cook, Ill.
 Cannon, James Harry...Saline, Ill.
 Capel, Robert James...Saline, Ill.
 Carlson, John Elmer...Kane, Ill.
 Carpenter, C. Harold.....
 Minnehaha, S. D.
 Carriss, John Albert.....
 Sask., Canada
 Cassidy, George P.....
 Berkshire, Mass.
 Contopoulos, Nicholas.....
 Des Moines, Iowa
 Dahl, Harry J.....Cass, N. D.
 Day, Joseph C.....Jackson, Iowa
 Deutsch, Melvin B.....Cook, Ill.
 Deutsch, Samuel R.....Cook, Ill.
 Donovan, Stephen F. Monroe, Wis.
 Doney, George Rhodes.....
 Weber, Utah
 Draper, S. Joe.....Sullivan, Ind.
 Duncan, Wilfred McLaren.....
 Prince Edward Island, Can.
 Eddy, Royal A.....LaPorte, Ind.
 Erickson, Joseph E.....
 Stevens, Minn.
 Fernandez, Ramon.....
 San Juan, Porto Rico
 Furie, Walter J.....Cook, Ill.
 Garcia, Carlos M.....
 Isabela, Porto Rico
 Gee, Mrs. Margaret...Cache, Utah
 Gerlach, Leo.....Cook, Ill.
 Ginsburg, Samuel J.....Cook, Ill.
 Goldstein, Gersion M...Cook, Ill.
 Goodney, Sydney.....
 Marquette, Mich.
 Gouse, Melvin H...Jo Daviess, Ill.
 Greenberg, Herman.....
 New York, N. Y.
 Greenspahn, Irving.....Cook, Ill.
 Grossman, Harry Aaron...Cook, Ill.
 Gudmunson, Reed...Cassia, Idaho
 Halgren, L. O.....Weber, Utah
 Ham, Edward...Marquette, Mich.
 Hayward, J. R.....Grant, Wis.
 Heller, Rufus A.....Peoria, Ill.
 Henderson, Harry Martin.....
 Ontario, Canada
 Henkel, Fred J.....Grant, Wis.
 Hendrick, James...St. Clair, Mich.
 Hernandez, Ulises.....
 Caguas, Porto Rico
 Hitt, Claude G.....Defiance, Ohio
 Hoeft, William J.....Henry, Ill.
 Hudson, Ernest A.....Cook, Ill.
 Imber, William J.....Cook, Ill.
 Irwin, Edward Bruning.....
 Cabell, W. Va.
 Izakowitch, Bennie.....Cook, Ill.
 Jahnke, Herbert F.....Cook, Ill.
 Jensen, Malvin...Muskegon, Mich.
 Jiminez, Joaquin.....
 Caguas, Porto Rico
 Johnson, Harral Richard.....
 Kane, Ill.
 Jumer, Albert.....Pine, Minn.
 Johnson, Walter William.....
 Cook, Ill.
 Kahn, Harry.....Cook, Ill.
 Kalinsky, Joseph H.....
 Hartford, Conn.
 Kaplin, Israel I.....Cook, Ill.
 Kasalovsky, Godlieb.....
 Aitkin, Minn.
 Kelly, Cyril R.....Grundy, Ill.
 Kelly, Ralph M.....San Jose, Cal.
 Kelly, Worrall S.....
 Trempeleau, Wis.
 Kennedy, Joseph L.....Cook, Ill.
 Khedroo, K. S.....Iroquois, Ill.
 Khuri, G.....Lebanon, Syria
 Kimmel, Frederick.....Cook, Ill.
 Kleeber, Harold Carl...Sauk, Wis.
 Koch, Anthony J.....Sauk, Wis.
 Ladon, Abram.....Cook, Ill.
 Lane, Wilbur Franklin.....
 Gratiot, Mich.
 Langworthy, Harold P.....
 Eau Claire, Wis.
 Lee, Leonard.....Murray, Minn.
 Lee, Rufus W.....Cook, Ill.
 Lemmer, Albert...Marathon, Wis.
 Lepak, Michael K...St. Louis, Minn.
 Lieber, Philip.....Cook, Ill.
 Liss, John James.....Cook, Ill.
 Lokke, Arthur L.....Clay, S. D.
 Lundahl, Byron J.....
 Marquette, Mich.
 Lyhne, Jesse Christ.....
 New Haven, Conn.
 Macdonald, Harry L.....
 Lake Geneva, Wis.
 Manilow, Louis.....Cook, Ill.
 McCullough, Fred H.....
 Cavalier, N. D.
 McCulloch, Harve L.....Pope, Ill.
 McKean, Harry James.....
 Bradford, Pa.
 McKell, Rodney William.....
 Utah, Utah
 McKinley, Clyde V.....
 Jo Daviess, Ill.
 McLean, Richard W...Bureau, Ill.
 Merrill, Wendell W...Cache, Utah
 Mikulas, George W.....Linn, Ia.
 Mikulas, Lumir M.....Linn, Ia.
 Miller, Russel...St. Joseph, Ind.
 Mullineux, Lawrence G...Cook, Ill.
 Nauer, Henry A.....Cook, Ill.
 Nelson, Elmer G.....
 Menominee, Mich.
 Nelson, George W.....
 Marinette, Wis.
 Nelson, Melvin O.....
 Minnehaha, S. D.
 Neilson, William George.....
 Ontario, Canada
 Nesheim, Adolph A...Dane, Wis.
 Olson, Carl G...Marquette, Mich.
 Overholt, Edwin Morgan.....
 Westmoreland, Pa.
 Parr, Willis.....Winona, Minn.
 Papantonopoulos, C. G.....
 Piliatra, Greece
 Paxman, E. Alma.....Utah, Utah
 Peterson, George I.....Ford, Ill.
 Pisha, Miss Beatrice M...Cook, Ill.
 Poland, Floyd E...Waupaca, Wis.
 Pope, Jessie A.....Clay, Tex.

Rainey, D. W.....Weber, Utah
 Rasmussen, John.....Cook, Ill.
 Rathbun, Milo D.....
Muskegon, Mich.
 Regent, Paul B.....Cook, Ill.
 Reithel, Otto C.....Huron, Mich.
 Rile, Charles M.....Gage, Neb.
 Ringlee, E. F.....Griggs, N. D.
 Ross Raymond A...Douglas, Wis.
 Roubert, Lester N.....
Hennepin, Minn.
 Sandquist, E. W.....
Sweden, Sweden
 Sargent, Howard W.....
Fond du Lac, Wis.
 Saskor, Anthony L.....
Dalmatia, Austria
 Schmillen, Theodore S..Cook, Ill.
 Schneider, Henry W...Sauk, Wis.
 Schnitzer, Oscar.....Cook, Ill.
 Schust, John Henry...Allen, Ind.
 Shaughnessy, Lawrence J.....
Grant, Ind.
 Siegel, Benjamin.....Cook, Ill.
 Singer, Harry.....Cook, Ill.
 Sorenson, Hans Christian.....
Tonsberg, Norway
 Stern, Leon M.....Cook, Ill.
 Stone, Harry.....Cook, Ill.
 Stone, Nathan.....Cook, Ill.
 Stone, Joel Alfred.....Cook, Ill.
 Straup, Perry D...Atchison, S. D.
 Strozewski, Waclov...Cook, Ill.

Junior, 1914-1915.

Allen, T. R.....Cass, N. D.
 Anderson, C. E..Minnehaha, S. D.
 Arai, Kirokichi...Nagoya, Japan
 Backstrom, Ed..Muskegon, Mich.
 Barclay, Harry Francis Peoria, Ill.
 Bartow, F. W.....Huron, Mich.
 Belanyi, Albert E.....Cook, Ill.
 Bell, Elmer E.....Monroe, Wis.
 Bennett, J. R.....LaPorte, Ind.
 Benseid, A. S.....Barron, Wis.
 Berry, Alonzo Herbert.....
Apache, Ariz.
 Besser, Jack M.....Henry, Iowa
 Black, Edward Tucker.....
Jackson, Ore.
 Blase, Anthony (Anapleotes)...
Athens, Greece
 Bona, T. Bronislaus...Cook, Ill.
 Brosman, E. E.....Clark, Ill.
 Brown, Harry Louis...Cook, Ill.
 Burke, Wilbert E...Ontario, Can.
 Butt, Joseph.....Union, N. J.
 Carr, Almon F.....Cook, Ill.
 Carroll, Harry E.....Cook, Ill.
 Cerney, James Charles..Cook, Ill.
 Colom, R. Santiago.....
Lares, Porto Rico
 Cox, Jas. M.....Worcester, Mass.
 Craycroft, F. H..Washington, Ky.
 Donelan, Jas. C...Sangamon, Ill.
 Duggan, Ralph...St. Joseph, Ind.
 Ellsworth, Cyrus W..Payson, Utah

Schuhman, Byron J.....
Washington, Wis.
 Shklar, Leon S.....Cook, Ill.
 Tamarin, Abraham.....
Philadelphia, Pa.
 Tanner, F. R.....Utah, Utah
 Timmons, C. A.....Hill, Mont.
 Torson, Archie O.....
Trempealeau, Wis.
 Tretnor, Wm. J...Spokane, Wash.
 Trovillion, Russell A..Massac, Ill.
 Tyler, Clyde Leroy..Ashland, Wis.
 Valenzuela, Mariano.....
San Jose, Costa Rica
 Vennesland, G. O.....
Christianna, Norway
 Vickers, Lloyd Napier.....
Ontario, Canada
 Volkman, Arthur.....Cook, Ill.
 Voss, E. R.....Kane, Ill.
 Walker, John Burgess..Cook, Ill.
 Wells, Albert O...Lawrence, Ohio
 Weidner, Welby James.....
Dewitt, Ill.
 White, I. A.....Cook, Ill.
 Wilcox, Mines G....Weber, Utah
 Wirth, Miss Elizabeth.....
Lewis & Clark Co., Mont.
 Witous, Charles John..Cook, Ill.
 Wojtalewicz, Julius A..Cook, Ill.
 Wood, Palmer H. B.....
Manitoba, Canada
 Young, Sidney C.....Cook, Ill.
 Zuback, Louis.....Cook, Ill.

Emons, Matt.....Perry, Ill.
 Endsley, Louis James.....
Kalamazoo, Mich.
 Evans, Samuel S...Franklin, Ill.
 Fehrenbacher, F. J...Jasper, Ill.
 Fellows, David M..Howard, Iowa
 Ferguson, T. T.....
Queensland, Australia
 Oakley, Flath George.....
Ontario, Canada
 Foutz, Alonzo J.....Sevier, Utah
 Fox, Morris E.....Cook, Ill.
 French, S. F.....Cook, Ill.
 Framhein, Fred George.....
Ramsey, Minn.
 Gagnon, E. J.....Iroquois, Ill.
 Gemmill, Leslie Weir.....
Ontario, Canada
 Goering, Ernest H.....
St. Louis, Minn.
 Gorrell, Harvey Benson.....
Manitoba, Canada
 Hall, John Keir.....
Adelaide, S. Australia
 Hamilton, Robert James.....
Cook, Ill.
 Heighway, Clifford..Woodford, Ill.
 Henery, Carl.....Monroe, Wis.
 Herzberg, Benjamin...Cook, Ill.
 Houns, Archie R.....Iowa, Wis.
 Hutschneker, Wm. H.....
New York, N. Y.

Sanderow, Borris.....	Cook, Ill.	Sweeney, P. J.....	Lewis & Clark, Mont.
Sapranas, Stasys.....	Lackawanna, Pa.	Tilitsky, Gustave J.....	Passaic, N. J.
Schvetz, George....	Paris, France	Toolson, Joseph Glen.....	Cache, Utah
Smeltzer, Norman Rollo.....	Elkhart, Ind.	Vermilye, O. V.....	DeKalb, Ill.
Shotton, J. Clayton.....	Cuyahoga, O.	Vornholt, R. W.....	Franklin, Ohio
Sibal, Louis.....	Cook, Ill.	Von Huyssteen R.....	Cape Province, S. Africa
Snoberger, Rantz E.....	Crawford, Wis.	Warsaw, Philip.....	Cook, Ill.
Snellen, F. A.....	Utrecht, Holland	Weiss, Adolph.....	Cook, Ill.
Soo, Harry E.....	Allegan, Mich.	Welp, Lawrence W.....	Kossuth, Ia.
Sorley, M. S.....	Trall, N. D.	Wilkins, Thos. H.....	Westchester, N. Y.
Spickerman, John Arthur.....	DeKalb, Ill.	Wium, P. G.....	Wellington, S. Africa
Squires, R. E.....	Ford, Ill.	Wumkes, W. W.....	Lincoln, S. D.
Stith, Andrew Hayden.....	Cook, Ill.	Yackee, E. N.....	Ford, Ill.
Stuck, Leon G.....	Allegan, Mich.	Zun, Jacob.....	New York, N. Y.
Struble, Mark E.....	Grant, Ind.		

DEPARTMENT OF COMMERCE.

Graduates of 1914.

Allen, J. E.....	Tippecanoe, Ind.	Krueger, Fred....	Waupaca, Wis.
Ambuehl, Geo.....	Fayette, Ill.	Kundert, E. H.....	McPherson, S. D.
Anderson, I. W.....	Mullen, Idaho	Marshall, Walter....	Clarion, Pa.
Barnes, Frank E....	Barron, Neb.	Matturd, S. A.....	Marinette, Wis.
Barnes, W. I.....	Muhlenburg, Ky.	May, Lawrence.....	Gentry, Mo.
Bayne, R. C.....	Clinton, Ind.	Miller, John.....	Cook, Ill.
Bethyl, C. O.....	Key West, Fla.	Murphy, Arthur.....	Sank, Wis.
Biggart, Lucie.....	Porter, Ind.	Myers, Luther....	Hamilton, Ind.
Blankenship, Thos. C.....	McDowell, W. Va.	Nare, Herman....	St. Louis, Minn.
Boone, Daniel....	Harding, W. Va.	Nave, E. C.....	Carter, Tenn.
Bryson, Wm.....	Shelby, Ind.	Nerada, Jos.....	Athol, Mass.
Brewster, Furman.....	Howard, Ind.	Offenhauer, John.....	Middletown, O.
Chamness, Wm....	Johnston, Ill.	Ohlfest, Earl.....	Porter, Ind.
Crandal, O. E.....	Fayette, W. Va.	Ohlson, Bessie....	New Madrid, Mo.
Cross, Thos.....	Beltrami, Minn.	Peltonemi, Walter.....	Otter Tail, Minn.
Devaraux, Harvey.....	St. Clair, Mich.	Reody, Wilford....	Sumner, Kas.
DeVasier, J. R.....	Scottsville, Ky.	Ridker, Leonard.....	St. Louis, Minn.
Denare, Arthur.....	Pulaski, Ill.	Rockwell, Agnes.....	Nassau, N. Y.
Dial, Earl H.....	Iroquois, Ill.	Saller, Amanda.....	Well, Ill.
Dickens, D. R.....	Johnson, Tenn.	Schwanke, Floyd....	Jasper, Ind.
Doheny, James.....	Santa Clara, Cal.	Shiozoma, Y. J.....	Tokyo, Japan
Eichelberger, Russell.....	Bedford, Pa.	Skemen, Eleanor.....	Saginaw, Mich.
Eister, Francis.....	Houghton, Mich.	Slates, T. B.....	Isabella, Mich.
Farrell, Wm.....	Hampton, Mass.	Southwick, E. N.....	Wabaunsee, Kas.
Fuchs, Orrin.....	Sank, Wis.	Spencer, J. H.....	Sedan, Kas.
Gaylor, W. L.....	Porter, Ind.	Stegmeir, Paul.....	DeKalb, Ill.
Gibson, Verna.....	Taylorville, Ill.	Stiritz, G. J.....	Oil City, Pa.
Gomache, Joseph.....	Williams, N. D.	Stith, H. C.....	Custer, Mont.
Gomet, Lizardo.....	Peru, S. A.	Stott, Edgar.....	Alta, Canada
Gooding, T. H.....	Lincoln, Idaho	Trese, Wm.....	St. Clair, Mich.
Harris, Dryden.....	Hanover, W. Va.	Tryon, L. G.....	Franklin, N. Y.
Helgason, Arni.....	Canada	Weld, L. A.....	Iowa, Mich.
Hellickson, Irvin.....	Canada	Welty, Arthur.....	Hocking, Ohio
Hensel, L. F.....	Marshall, Ind.	White, Chas. E.....	Fayette, W. Va.
Hershelman, Fay.....	Crawford, Pa.	Wiggins, Buford.....	Jefferson Davis, Ia.
Hickman, H. J.....	Nicholas, W. Va.	Willson, W. H.....	Coles, Ill.
Hoelzger, Henry.....	Elkhart, Ind.	Youngs, John R.....	Genesee, Mich.
Immel, H. B.....	LaPorte, Ind.	Zielenski, Paul....	Kenosha, Wis.
Jedda, John.....	Marquette, Mich.		
Kepler, L. S.....	Porter, Ind.		

Class of 1914-1915.

Altman, E. E.....	Appling, Ga.	Andrew, Oliver.....	Mason, Mich.
Anderson, Alonzo.....	Jefferson, Pa.	Ashbaugh, S. E.....	Peoria, Ill.

- Babcock, K. E.....Jones, Iowa
 Bacon, Mabel....Brookings, S. D.
 Bairn, C. L.....Cavalier, Mass.
 Baker, Elizabeth.....Pike, Ga.
 Baker, Otto C....Tipppecanoe, Ind.
 Barnard, Herrel..Washington, Pa.
 Batts, John.....Franklin, Ill.
 Batts, W. Edgar....Franklin, Ill.
 Baughman, Earl....Green, Ind.
 Beam, G. W....Nicholas, W. Va.
 Beasley, J. F....New Madrid, Mo.
 Beaty, James C....Hamilton, Fla.
 Beaty, Frank P....Hamilton, Fla.
 Beaver, James.....Berks, Pa.
 Bender, Neva.....LaGrange, Ind.
 Blankenship, M. J.....
McDowell, W. Va.
 Blankenship, Wayne.....
McDowell, W. Va.
 Bliss, Dora A....Los Angeles, Cal.
 Boe, Edward.....
Queens Borough, N. Y.
 Bolstad, Nels.....Jackson, Wis.
 Boor, A. L.....Osceola, Iowa
 Boor, F. M.....Osceola, Iowa
 Borggren, John....Kankakee, Ill.
 Bowers, Bert....Kosciusko, Ind.
 Brack, Marie.....Jefferson, Ky.
 Brown, Frank.....Jefferson, Ill.
 Brouthers, Cecil De Witt.....
Wayne, N. C.
 Brownell, Mrs. C. S..Porter, Ind.
 Bunker, C. L....Wabauunsee, Kas.
 Burniston, William G.....
England, Europe
 Bushore, Anna L....Porter, Ind.
 Campbell, Leon F..Carroll, Ark.
 Cannedy, Frank..Williamson, Ill.
 Carty, Paul A....Winnebago, Ill.
 Carter, Ida R....Sanilac, Mich.
 Casey, Helen Marie...Lake, Ill.
 Cash, Percy.....Arcola, Ill.
 Cather, C. E.....Harris, Tex.
 Charnesky, Joseph...LaSalle, Ill.
 Chelminak, Leo....St. Joseph, Ind.
 Cheshire, L. Irving.....
Brooklyn, N. Y.
 Chow, Frank P. Washington, D. C.
 Christley, Parel M....Cook, Ill.
 Church, Wm. P....Marinette, Wis.
 Clifford, Eugene..Clearwater, Id.
 Collins, W. R.....Clark, Ohio
 Collins, James F.....
Silver Bow, Mont.
 Colson, Vernon.....Burt, Neb.
 Conroy, Harry....Bennett, S. D.
 Cox, Rose L.....Brown, Wis.
 Craig, LeRoy....Houghton, Mich.
 Cramer, Roscoe....Atlantic, N. J.
 Curtis, Robert Logan.....
Edward, Ill.
 Danner, A. R....Harrison, Ind.
 Davison, Minerva....Stark, Ill.
 Day, Steever R....Dauphin, Pa.
 Dickinson, D. M....Cook, Ill.
 Dillon, Russell....Carroll, Ind.
 Disbrow, Archie L....Steel, Minn.
 Doak, R. A.....Brisco, Tex.
 Doughten, John J....Perry, Pa.
 Eber, Homer.....Fulton, Ind.
 Eichler, C. G.....Portage, Ohio
 Elliot, John W....Warren, Ind.
 Elsnor, R. H.....Cedar, Iowa
 Englehart, Harry....Lake, Ind.
 Escher, Frank..Karnten, Austria
 Evandall, David..Payette, W. Va.
 Ewers, Amos E.....Pierce, Wis.
 Fleming, Ross..New York, N. Y.
 Flynn, Richard P....Cook, Ill.
 Foran, Maurice..Fairfield, Conn.
 Formet, Edward L....Stark, Ohio
 Francis, Roy H....North'd, Pa.
 Freehill, Cletus...Livingston, Ill.
 French, Roy.....Cherokee, Iowa
 Fretz, Parke.....Tipton, Ind.
 Frey, Thomas.....Jefferson, Ill.
 Fuller, Reuben F....Kent, Mich.
 Gahn, Clarence....LaSalle, Ill.
 Gasque, E. C....Washington, D. C.
 Georgieff, Constantine.....
Bulgaria, Europe
 Godlewski, Anthony...Kane, Ill.
 Gonzalez, Francisco.....
Porto Rico, W. Indies
 Gordon, Robert.....Lake, Ind.
 Green, Mahlon....Marshall, Iowa
 Greene, Jacob D. W...Floyd, Ind.
 Gulvara, F. C.....Philippines
 Haggart, Harold P..Newton, Mo.
 Haight, Cecil.....Otsego, Mich.
 Hakala, Hilda..Worcester, Mass.
 Hannula, J. M....St. Louis, Minn.
 Hart, Ivy.....DeKalb, Ill.
 Hedrick, Eugene...Sullivan, Ind.
 Heikens, Robert.....Jay, Iowa
 Heiland, Arthur.....Will, Ill.
 Heinn, Glenn....Berrien, Mich.
 Heiskanen, William.....
Portland, Ore.
 Hickox, Lisle L....Door, Wis.
 Hill, J. J.....Clayton, Iowa
 Hoffman, Clayton....Blair, Pa.
 Hoke, Andrew B.....
Greenbriar, W. Va.
 Holmes, Phillip C....Carroll, Ky.
 Holmes, Will....Dickinson, Mich.
 Homfeldt, Fred W....Porter, Ind.
 Hughes, Hugh.....Porter, Ind.
 Hugli, John.....LaPorte, Ind.
 Hutto, Uhl.....Tipton, Ind.
 Ickes, Parker.....Wood, Ohio
 Iglie, Angelo....Harmsden, Mass.
 James, Dava.....Fulton, Ky.
 Jensen, Geo.....Clinton, Iowa
 Jewell, Gordon....Gogebic, Mich.
 Johnson, G. C.....Cook, Ill.
 Johnson, C. J....Montgomery, Ill.
 Johnson, E. B....Valley, Mont.
 Jones, Richard H..Ingham, Mich.
 Juckett, Wm. D.....
New York, N. Y.
 Kane, Verne O....Beltrami, Minn.
 Kanerva, Henry..Sullivan, N. H.
 Kellenbarger, Emmett..Miami, O.
 Keller, Olen.....Shelby, Ill.
 Kelley, Helen M....Gogebic, Mich.
 Khan, M. N.....Teheran, Persia
 Kidd, Steve.....Delta, Mich.
 Klsusto, Eli.....Hennepin, Minn.
 Klassy, Carolin....Green, Wis.

- Krier, Henry.....Ozaukee, Wis.
 Krier, Fred.....Ozaukee, Wis.
 Krull, Howard.....Lake, Ind.
 Kuhn, Albert.....Honolulu, Hawaii
 Lahue, Russell G.....Juneau, Wis.
 Lakenan, May.....Allegheny, Pa.
 Lanterman, L. C.....Madison, Ill.
 Larson, Myron Taylor.....
 Jackson, Wis.
 Larson, L.....Jackson, Wis.
 Leeds, Lloyd.....Moultrie, Ill.
 Leverett, H. L.....Collin, Tex.
 Lubs, Wm. Jr.....Pike, Ind.
 Lindrud, John R.....Buffalo, Wis.
 Lindewall, And.....Itasca, Minn.
 Logan, Nelson.....Pierce, Wis.
 Lorber, Charles.....Denver, Col.
 Lundahl, Dora.....Clark, Wis.
 Lutterloh, J. E.....Coryell, Tex.
 Lyngholm, Axel.....Cook, Ill.
 Mackie, John.....Canada
 Mannas, Francis.....Clarion, Pa.
 Mar, Severo J.....Tamps, Mexico
 Matthews, John McD.....
 Highland, Ohio
 Mertz, B. J.....Lavaca, Tex.
 Metzler, Julia.....Ireland, Europe
 Mighell, Frank J.....Kane, Ill.
 Moffett, Harry.....Cook, Ill.
 Moine, A. R.....Berrien, Mich.
 Mac, Gabric M.....Russia, Europe
 Montgomery, C.....Gibson, Ind.
 Morgan, John Y.....Fayette, W. Va.
 Mulder, C. O.....Whatcom, Wash.
 Murphy, Mayme.....Green, Wis.
 Murray, Paul L.....Rutland, Vt.
 Myke, A. M.....Cascade, Mont.
 McClay, Geo. E.....Minnidoka, Id.
 McCool, Ernest.....Canada
 McCoy, Don L.....Elkhart, Ind.
 Mullen, Alexis B.....Clay, Iowa
 McNisky, George.....DeKalb, Ill.
 McNutt, Gilbert.....Shelby, Ill.
 Neary, F. D.....Newton, Ind.
 Nelson, Edward M.....Mercer, Ill.
 Nelson, Samuel R.....Hill, Mont.
 Nelson, F. L.....Lawndale, Tenn.
 Neperud, Lurie.....
 Trempealeau, Wis.
 Nickerson, Ray W. Livingston, Ill.
 Niemi, Frank.....Houghton, Mich.
 Olsen, Gerner A.....Campbell, S. D.
 Olson, Lee.....Ashland, Wis.
 Otis, Paul L.....Rusk, Wis.
 Paddock, Frank.....Berrien, Mich.
 Pask, John.....Cook, Ill.
 Paulson, Art.....Unita, Utah
 Paulson, August.....Cook, Ill.
 Peck, Ira.....Franklin, Pa.
 Perishich, Peter R.....
 Milwaukee, Wis.
 Peterson, Geo. J.....Hermepi, Minn.
 Petrovich, Nick.....Cook, Ill.
 Petterson, Oscar.....Peru, S. America
 Plunkett, Le Donia.....Mercer, Ill.
 Porter, Loren F.....Moultrie, Ill.
 Pulliom, Harold.....Lincoln, Neb.
 Ragan, Burney.....Randolph, Ga.
 Ramsby, Willis V.....LaGrange, Ind.
 Ratvik, Salamon.....Cuyahoga, Ohio
 Rayburn, John.....Armstrong, Pa.
 Raycraft, John.....Gratiot, Mich.
 Redding, Paul F.....Howell, Mo.
 Reimers, La Verne.....Will, Ill.
 Reynolds, D. P.....Obion, Tenn.
 Ring, George.....Scott, Ill.
 Ritch, Alvin B.....Suffolk, N. Y.
 Roberts, Bessie.....Marshall, Iowa
 Rodgers, C. D.....Casey, Ky.
 Rohrmoser, Walter.....Mason, Mich.
 Rometsch, Wm. H. Fairfield, Conn.
 Ross, Arthur B.....
 Cattaraugus, N. Y.
 Rossman, J. F.....
 Huntington, Pa.
 Rowe, J. L.....Clay, Ark.
 Roycraft, Bert.....Gratiot, Mich.
 Schaeffer, Paul.....
 Kosciusko, Ind.
 Schiff, Gilbert J.....Vigo, Ind.
 Schneider, R. E.....Cass, Ind.
 Schuler, Hetzel.....
 Vanderburg, Ind.
 Schultz, Leonard.....Grundy, Ill.
 Schwanke, Otto.....Jasper, Ind.
 Seabrook, Marian.....Adams, Pa.
 Seaburg, Alva H.....
 Pottawattamie, Iowa
 Shirfield, Wm. C.....Canada
 Shurtz, R. Ward.....Mitchell, Kas.
 Siepker, William C.....Adams, Ill.
 Sims, J. S.....Brevard, Fla.
 Sislock, Frank.....Alger, Mich.
 Skeen, J. M.....Colorado
 Smith, Roy M.....Wyoming, N. Y.
 Snachodsky, A.....Cook, Ill.
 Staley, Preston.....
 Walla Walla, Wash.
 Stevens, Craig.....Porter, Ind.
 Stewart, Charles.....Washington, O.
 Stine, Mr. Clair.....Pinellas, Fla.
 Stockton, John E.....Iroquois, Ill.
 Sutherland, J. G.....Dickenson, Va.
 Sweet, Rama St.....Franklin, Ill.
 Syverson, Minnie G.....
 Eau Claire, Wis.
 Takahaski, Ken.....Shimane, Japan
 Tammela, William.....Europe
 Tappas, Manano A.....
 Cuba, W. Indies
 Taylor, Chas. B.....Randolph, Ala.
 Taylor, Russell.....Steuben, Ind.
 Terwigger, Bert D.....Sask, Wis.
 Torbet, J. N.....Hardin, Tenn.
 Tully, Ralph C.....Woodford, Ill.
 Turner, Chas. W.....
 Chautauqua, Kas.
 Turner, Fred J.....England, Europe
 Wade, Kenneth.....Porter, Ind.
 Walsh, Joseph.....Kings, N. Y.
 Walters, Fae.....Porter, Ind.
 Warner, Frank R. LaGrange, Ind.
 Waterland, Luther.....Custer, Mont.
 Weber, Emil.....Kankakee, Ill.
 Weltt, K. R.....Oklahoma
 Wells, Ford E.....Cook, Ill.
 Welsch, Raymond M.....
 Benton, Ind.
 White, Charles.....Rey, Mo.

White, Noel E.....Lake, Ill.	Wortman, Theo.....Porter, Ind.
Williams, M. W.....Washington, Iowa	Wright, Mary Hawkins.....Davies, Ind.
Williams, Walter.....Owen, Ky.	Wurtenberg, Oscar H.....LaPorte, Ind.
Williamson, Lee.....Porter, Ind.	Wyllie, John M.....Livingston, Ill.
Willis, James N.....Sanilac, Mich.	Wynn, E. A.....Jackson, Ill.
Wince, John L.....Ritchie, W. Va.	Yamanaka, Henry H.....Japan
Wolcott, Edwin A.....Hampden, Mass.	Yates, Roy.....Iroquois, Ill.

DEPARTMENT OF SHORTHAND AND TYPEWRITING.

Class of 1914-1915.

Aldrich, Orville R.....Vermillion, Ind.	Crumpacker, W. L.....Montgomery, Va.
Anderson, Ira.....Williamson, Ill.	Darling, Grace.....Coshocton, Ohio
Anderson, Leota J.....Stark, Ill.	Davisson, Vern C.....Jasper, Ind.
Andrews, Rex.....Delaware, Ind.	Dexheimer, Claude.....Jefferson, Wis.
Aymerich, William.....Cuba, W. Indies	Diers, Herman H.....Ramsey, Minn.
Bailey, Zina D. Wyoming, W. Va.	Dittmar, Louis H.....Mason, Mich.
Baker, Jesse.....Bunkie, La.	Dollens, Norris P.....Morgan, Ind.
Baran, Leonard J.....Cook, Ill.	Dooley, Lily.....Montgomery, Kas.
Barnes, Paul M.....Porter, Ind.	Douglass, Bennie.....Delta, Mich.
Barnes, Bernice.....Porter, Ind.	Doyle, Harold T.....Onedia, Wis.
Barrett, Sam B.....Cook, Ill.	Duckworth, Paul E.....Mahoning, O.
Basinger, C. L.....Putnam, Ohio	Eadie, H. M.....Ireland, Europe
Batterman, Louis.....Williamsford, Canada	Eberly, Claude R.....Elk, Pa.
Batts, .....Franklin, Ill.	Eister, Francis.....Houghton, Mich.
Bean, Keith Walden.....Allegheny, Pa.	Elliott, Howard C.....Lee, Ala.
Benson, Frank.....Fremont, Iowa	Emery, Sarah.....Osceola, Iowa
Berquist, Arthur.....Ashland, Wis.	Evans, Earl.....Jackson, W. Va.
Berryman, Ella.....Fulton, Ky.	Feeley, J. J.....Iron, Mich.
Bobilya, Fisk.....Van Wert, Ohio	Fife, Clara.....Salt Lake, Utah
Boivin, Florence.....Baraga, Mich.	Fisher, Alvin.....Carlisle, Ky.
Bravender, Harold.....Armstrong, Ia.	Flynn, John.....Menominee, Mich.
Breen, William B.....Cambria, Pa.	Folley, J. M.....Silver Bow, Mont.
Burgi, Irene.....Green, Wis.	Forsythe, Leo.....Shelby, Tenn.
Burnett, Howard.....Bexar, Tex.	Frailey, Ernest.....Shelby, Tenn.
Burnett, Edward C.....Bexar, Tex.	Franklin, Bertha M.....Champaign, Ill.
Bushnell, Horace.....Mexico	Frazier, Wesley Chautauqua, N. Y.
Bushore, Elizabeth.....Porter, Ind.	Froelich, Archie W.....McLean, Ill.
Byers, Alice.....Minnehaha, S. D.	Fuller, R. F.....Kent, Mich.
Cagle, Ova.....Williamson, Ill.	Fulp, Ernest Madison.....Forsythe, N. C.
Carlson, Gertrude.....Cook, Ill.	Gage, Harry L.....Westfield, N. Y.
Carlson, J. O.....Porter, Ind.	Gamache, Joseph.....Williams, N. D.
Cart, Ethel.....Breckenridge, Ky.	Garcia, Ernest R.....Cuba, W. Indies
Casey, Helen M.....Lake, Ill.	Garver, Robert T.....Miffin, Pa.
Casper, Emma Reva.....Cerro Gordo, Iowa	Geake, Samuel S.....Allen, Ind.
Chamberlin, L. W.....Koochiching, Minn.	Goddard, Myrtle.....Oconto, Wis.
Chapin, A. M.....Corson, S. D.	Goedecke, Raymond.....Sauk, Wis.
Chiplish, Elizabeth O.....Madison, Ill.	Goppert, Theresa.....Starke, Ind.
Cloud, Anna May.....Hampden, Mass.	Goslee, Harry.....Delphi, Ind.
Clute, Gertrude M.....Clark, Wis.	Gray, Edwin V.....Cambria, Pa.
Coggan, Bernard.....St. Clair, Mich.	Hanson, Roy.....Carlson, Minn.
Colbert, Max U. S.....Madison, Ill.	Harris, Merle G.....Putnam, Ind.
Conklin, Dean.....Montgomery, Iowa	Hansen, Peter.....Europe
Cooney, Ledger.....Delta, Mich.	Handeyside, Florence B.....Onedia, Wis.
Coulter, Clara M.....Roanoke, Va.	Hartl, Marguerite V.....Racine, Wis.
Cox, Rose L.....Brown, Wis.	Hauser, Vernon A.....Montgomery, Ill.
Cox, Ed E.....Douglas, Ill.	Hendon, Wilford R.....Carter, Okla.
Cox, Dora L.....Marion, W. Va.	Henning, Bertha.....LaPorte, Ind.
	Henrick, John.....Philadelphia, Pa.

- Haley, Alice.....Bracken, Ky.
 Herkenhoff, Lillian.....
Auglaize, Ohio
 Hickey, Walter..Buchanan, Iowa
 Hill, Glenn B.....Pratt, Ill.
 Hoffman, J. E.....Renville, Minn.
 Holmes, Frank.....Ashland, Wis.
 Horrocks, Ralph.....Bureau, Ill.
 Hough, Pansy....Calhoun, Iowa
 Howell, Lottie..Faribault, Minn.
 Huff, Elizabeth M...Taylor, Iowa
 Humphrey, M. G...Randolph, Ind.
 Jenkins, Joseph H.Boston, Mass.
 Johnson, Leonard...Rolette, N. D.
 Juergens, Eli....Braxton, W. Va.
 Kelley, Richard P..Adams, Ind.
 Kesler, Bay.....Wood, W. Va.
 Keyes, Mae M.....
Koochiching, Minn.
 Kleinschmidt, Silvina.....
Clark, Wis.
 Kohler, Karl J...Winona, Minn.
 Kohnz, Lewis.....Lorain, Ohio
 Kolling, William....Lake, Ind.
 Krasnoff, Harry E.....
New York, N. Y.
 Krull, Howard T....Lake, Ind.
 Lee, Esperance....Genesee, Mich.
 Lembke, Marguerite..Porter, Ind.
 Loomis, Ethel R....Porter, Ind.
 Loughram,Hampden, Mass.
 Lukens, Roy C....Berrien, Mich.
 Manghaya, F. M.....
Manila, Philippines
 Marple, F. O....Comanche, Okla.
 Matthews, Raymond L.....
Whiteside, Ill.
 Menchinski, T.Los Angeles, Cal.
 Merhevic, F. A....Allegheny, Pa.
 Miller, Guy H....McLean, Ill.
 Miller, Louise....Berrien, Mich.
 Miller, Edward B..Portage, Wis.
 Miller, Hazel E....Porter, Ind.
 Mincer, Gladys M..Elkhart, Ind.
 Minor, Chas. L....Jackson, Ark.
 Monahan, John.....Iron, Mich.
 Myers, Helen Montrose.....
Jackson, Ore.
 McAdoo, Frances.Van Wert, Ohio
 McCament, G. G....Knox, Ohio
 McClelland, Lillian.Benzie, Mich.
 McGraw, Justin S.Oakland, Cal.
 McKenzie, Doris....Pinal, Ariz.
 McNeese, Harold G.....
Stephens, Okla.
 McNutt, Gilbert.....Shelby, Ill.
 Needham, Odette L.Wabash, Ind.
 Nelson, Olga....Fillmore, Minn.
 Nichols, Betty L. S..Portage, O.
 Nichols, Howard...Douglas, Ill.
 Nichols, John J....Porter, Ind.
 Niskanen, Jalmar..Ashtabula, O.
 Noonan, Mary.....St. Louis, Mo.
 Norris, Nelson.....Porter, Ind.
 Novitskey, Joseph..Clearfield, Pa.
 Nowak, Thomas....Locust, Ohio
 Nutter, B. F....Calhoun, W. Va.
 Orphal, Robert...Auglaize, Ohio
 Peltoniemi, Walter.....
Otter Tail, Minn.
 Perkins, Charles B..Crawford, Pa.
 Perry, Wm.....Wayne, W. Va.
 Peterson, Walter...Spink, S. D.
 Peterson, Alfred...Towner, N. D.
 Peterson, Anna..Whitcomb, Wash.
 Pettigrew, U. G...McNairy, Tenn.
 Plunkett, Le Donia...Mercer, Ill.
 Powalski, Walter J...Lucas, Ohio
 Pratt, Myrtle E.....Henry, Ill.
 Rankin, H. A.....Cook, Ill.
 Rebaza, Luis C...South America
 Redford, Percy.....Canada
 Reed, Harry.....Fountain, Ind.
 Rehbein, Oscar E.....
New London, Wis.
 Rex, Maggie.....Porter, Ind.
 Roberts, Betty...Marshall, Iowa
 Roe, Rena.....Lawrence, Pa.
 Romero, Andreas A. Jr.....
Valencia, N. M.
 Roulette, Clyde....Pulaski, Ill.
 Row, Edgar.....Auglaize, Ohio
 Saunders, Richard D...Cook, Ill.
 Seeley, Mitt.....Crawford, Kas.
 Shea, Howard W.....
Houghton, Mich.
 Shuler, C. E.....Perry, Ohio
 Skinner, Jos. J....Meigs, Ohio
 Sky, C. M.....Canada
 Smith, Roy M....Wyoming, N. Y.
 Smith, Olive.....Porter, Ind.
 Smith, Noel.....
New Shoreham, R. I.
 Steffey, Esther...Marshall, Ind.
 Steger, Clara.....Effingham, Ill.
 Stensrud, Nicholas...Cook, Ill.
 Stoddard, Veda....Owyhee, Idaho
 Stroup, Zola.....Jasper, Ind.
 Suit, Frank H...Van Buren, Iowa
 Taylor, Lyda.....Burke, N. D.
 Thacker, Americus R.....
Johnson, Ill.
 Thomas, L. E.....White, Ind.
 Thompson, Clinton S.....
Pulaski, Ill.
 Thompson, Mabel V.....
Jefferson, Fla.
 Thomson, Geo. E....Meigs, Ohio
 Thurber, H. P....Fillmore, Ill.
 Tow, Gordon.....Boone, Iowa
 True, Paul....Cumberland, Maine
 Tyler, Webster....Steuben, N. Y.
 Udre, Peter....Lawrence, Mass.
 Vance, J. D.....Panola, Miss.
 Varner, Willis C..Montgomery, Ill.
 Varner, Bertha..Montgomery, Ill.
 Victory, Armel T..Cameron, Pa.
 Von Holst, Thorley.....
San Diego, Cal.
 Wahl, Floyd M....Porter, Ind.
 Walla, Nora C....Cass, N. D.
 Wallack, Ida.....Cook, Ill.
 Washington, Olive.....
Muscatine, Iowa
 Waterman, Ogilvie T.....
DuBois, Pa.
 Weems, Charles....Porter, Ind.
 Wein, Forest.....Allen, Ohio
 Weller, Anna.....Livingston, Ill.
 Wells, Mabel.....Porter, Ind.

White, Victor.....Starke, Ind.
Whiting, Van W.....Posey, Ind.
Whitlock, Carolyn...Porter, Ind.
Whitt, C. E.....Carter, Ky.

Wilbur, C. L.....Pima, Ariz.
Wilson, Arthur S.....
.....Wabash, Minn.

DEPARTMENT OF DOMESTIC SCIENCE.

Class of 1914-1915.

Agar, Frances.....Porter, Ind.
Arndt, Clara.....Starke, Ind.
Arthur, Fannie...Churubusco, Ind.
Badger, Sarah.....Wabash, Ind.
Barden, Grace.....Grafton, N. H.
Baumgartner, Mrs. John.....
.....Monroe, Ark.
Baxter, Ella.....Steuben, Ind.
Beckley, Elizabeth...Cass, Ind.
Beckley, Emmaline R...Cass, Ind.
Belser, Adele.....Colbert, Ala.
Bender, Neva.....LaGrange, Ind.
Birk, Grace.....Jasper, Ill.
Blair, Isabel.....Armstrong, Pa.
Bodine, Eva Pearl...Shelby, Ill.
Boggs, Elanor.....Benton, Ark.
Bose, Leona.....Benton, Ark.
Bourke, Nellie E...Litchfield, Conn.
Boyer, Lelia.....Porter, Ind.
Boyd, Elma M.....Gibson, Ind.
Breskin, Lillian...LaPorte, Ind.
Brinker, Laura.....Pulaski, Ind.
Brook, Ella.....Newton, Ind.
Brown, Ruth A.....Porter, Ind.
Campbell, Gaytha...Jackson, Mo.
Charvat, Genevieve M.....
.....Manitowoc, Wis.
Christopherson, Lottie.....
.....Dodge, Wis.
Corl, Elma.....Marshall, Ind.
Crain, Mrs. Ada.....Madison, Ill.
Creamer, Chloe...Warren, Ind.
Crisler, Ethel...Kosciusko, Ind.
Current, Nettie...Portland, Ind.
Daley, Marie.....Cass, Ind.
Daley, Nellie.....Cass, Ind.
Daniels, Sophia M...Cass, N. D.
Dougherty, Laura...Adams, Pa.
DeVasier, J. Roberta...Allen, Ky.
Dickinson, Elizabeth B.....
.....Oswego, N. Y.
Dizard, Florence...LaPorte, Ind.
Drake, Beth.....Lucas, Iowa
Drizer, Katherine...Porter, Ind.
Duckworth, Sue.....
.....Red Willow, Neb.
Duey, Inis.....Lincoln, Mo.
Dush, Willa M.....Shelby, Ill.
Dyke, Jennie...Sheboygan, Wis.
Eash, Irma.....LaGrange, Ind.
Eash, Floss.....LaGrange, Ind.
Eick, Jennie...Huntington, Ind.
Erb, Marie A.....Lake, Ind.
Erb, Lillian K.....Berks, Pa.
Ernsberger, Bernice.....
.....Kosciusko, Ind.
Esbeck, Coral.....Shelby, Iowa
Feldman, Dora.....Jasper, Ind.
Fife, Clara.....Salt Lake, Utah
Finney, Sarah B...Washington, Id.
Firebaugh, Lela...Pulaski, Ind.

Gallagher, Mary A.....
.....Allegheny, Pa.
Gitchell, Mary...Washington, Ohio
Garmon, Georgeana.....
.....LaPorte, Ind.
Gloor, Amelia C...LaPorte, Ind.
Good, Fern.....Starke, Ind.
Goodwin, Beatrice...Cass, Ind.
Graham, Rachel L.....
.....Henderson, Ill.
Gronvold, Hilda...Goodhue, Minn.
Greenhalgh, Sarah E...Polk, Ia.
Greer, Alvina.....Yell, Ark.
Guckien, Effie.....Carroll, Ind.
Gwinn, Martha...Carroll, Ind.
Haschel, Goldia...Pulaski, Ind.
Healey, Margaret...Cass, Ind.
Hebert, Helen.....Delta, Mich.
Hedges, Fern...Red Willow, Neb.
Heinlen, Hazel...Crawford, Ohio
Heinlin, Ruth...Crawford, Ohio
Hess, Alma.....Lake, Ind.
Hewett, Catherine...Porter, Ind.
Huglii, Rose.....LaPorte, Ind.
Hinkle, Beatrice H.....
.....Cumberland, Pa.
Hinton, Adelaide...Fayette, Tex.
Hogan, Katie.....Newton, Ind.
Homfeld, Minnie...Porter, Ind.
Hoover, Louise...Porter, Ind.
Hoover, Pearl...LaPorte, Ind.
Huber, Anetta B.....
.....Hutchinson, S. D.
Ingram, Mrs. Alice...Porter, Ind.
Irwin, Selena M...Ontario, Canada
Johnson, Hanna...Cook, Ill.
Jones, Grayce...Hamilton, Ind.
Juaiire, Abbie...Rice, Minn.
Keller, Carrie...Jasper, Ind.
Kinnard, Rose...LaPorte, Ind.
Kistler, Hazel M...Cass, Ind.
Kramer, Ruth...Jasper, Ind.
Krieger, Zella...Porter, Ind.
Lewis, Nancye...Letcher, Ky.
Low, Effie...Marshall, Ind.
Long, Marguerite...Shawnee, Kas.
Lowe, Florence...Newton, Ind.
Lucas, Fern...Adams, Ill.
Lundgren, Ebba...Kittson, Minn.
Lux, Lillian...Cass, Ind.
Lynch, Mary...Cass, Ind.
Maddock, Ruth...Bartholomew, Ind.
Magnuson, Mabel...LaPorte, Ind.
Malone, Rose...White, Ind.
Maloney, Mary...Whitley, Ind.
Marsden, Fern...Porter, Ind.
Martin, Vesta...White, Ind.
Martin, Ruth...Van Buren, Mich.
Mattering, Lottie L.....
.....Spencer, Ind.
Miller, Leona...Jasper, Ind.

Miller, Eva.....	Randolph, Mo.	Shannon, Grace.....	Mercer, Pa.
Minnemen, Helen.....	Cass, Ind.	Shinabarger, Martha LaPorte, Ind.	
Morgan, Mabel.....	Porter, Ind.	Shinabarger, Nellie.....	Porter, Ind.
Morgan, Ruth.....	Henry, Ind.	Short, Carrie.....	Jasper, Ind.
Morrow, Helen.....	Porter, Ind.	Shurte, Mary C.....	LaPorte, Ind.
Munro, Maude E.....	Cambria, Pa.	Smith, Florence.....	Marshall, Ind.
Myers, Montrose Helen.....		Smith, Margaret E.....	
.....	Jackson, Ore.	.....	Richmond, Ga.
McCallister, Mrs. Opal.....		Smith, Julia S.....	Richmond, Ga.
.....	LaPorte, Ind.	Smitha, Reba.....	Decatur, Ind.
McGrath, Elizabeth.....		Snider, Gladys.....	Porter, Ind.
.....	Columbina, Ohio	Snyder, Bessie.....	Marshall, Ind.
McKee, Bessie.....	White, Ind.	Somerville, Sara.....	Cambria, Pa.
McMullen, Mrs. Chas.....		Starrett, Matie.....	Monroe, Ark.
.....	Daviess, Ind.	Steger, Florentine.....	Grant, Minn.
Nelson, Ethel G.....	Cass, Ind.	Stewart, Mary.....	Rush, Ind.
Nelson, Lulu.....	Jasper, Ind.	Sullivan, Anna.....	Jasper, Mo.
Nickels, Mary V.....	Emmett, Ind.	Sullivan, Myrtle.....	Jasper, Mo.
Otto, Lynda.....	Calumet, Wis.	Sunthimer, Clara E.....	
Parsell, Grace.....	Steuben, Ind.	.....	LaGrange, Ind.
Parsell, Chas.....	Steuben, Ind.	Sunthimer, Alta B.....	
Parson, Edith.....	LaPorte, Ind.	.....	LaGrange, Ind.
Patch, Bessie.....	Starke, Ind.	Taylor, Winnifred.....	Stark, Ill.
Peters, Alma.....	Carroll, Ind.	Taylor, May.....	LaPorte, Ind.
Peterson, Anna.....	Audubon, Iowa	Timmons, Edna B.....	Perkins, S. D.
Peterson, Irene.....	LaPorte, Ind.	Tobin, Olivia A.....	Erie, N. Y.
Pike, Ethel.....	Pulaski, Ind.	Toseland, Coral.....	Porter, Ind.
Pope, Gladys M.....	Iroquois, Ill.	Turner, Sylva.....	Shelby, Ill.
Potts, Beulah.....	Newton, Ind.	Unger, Myrtle.....	Washington, Okla.
Prange, Anna.....	Wayne, Ind.	Van de Houten, Caryl.....	Cook, Ill.
Reber, Hazel Pearl.....	Dupage, Ill.	Wallace, Daisy.....	Pocahontas, Iowa
Reed, Da Vada.....	Hale, Tex.	Ward, Angus L.....	Houghton, Mich.
Reeves, Rilla.....	LaPorte, Ind.	Weems, Edith.....	Porter, Ind.
Richardson, Tressie.....	Putnam, Ind.	Weimer, Anna.....	Iroquois, Ill.
Ritter, Lola E.....	Knox, Ind.	Weller, Katherine.....	Livingston, Ill.
Robertson, Blanche.....		Williams, Flossie.....	Newton, Ind.
.....	Breckinridge, Ky.	Wiles, Leona.....	Hamilton, Ind.
Roessler, Luise.....	Porter, Ind.	Williams, Ben.....	Oakley, Kas.
Rogers, Vesta.....	Covington, Miss.	Williams, Ruth E.....	Fulton, Ind.
Rogge, Martha.....	Cook, Ill.	Willson, Florence.....	Starke, Ind.
Rominger, Daisy.....	Forsyth, N. C.	Wood, Myrtle.....	St. Joseph, Ind.
Russell, Hazel.....	Jasper, Ind.	Woodruff, Flora.....	Lorain, Ohio
Schlademan, Lois M.....	White, Ind.	Young, Ruby.....	Porter, Ind.
Schlottz, Martha.....	Marinette, Wis.	Zerbe, Fern.....	Fulton, Ind.
Scott, Anna.....	Moultrie, Ill.	Zoethout, Thelma Grace.....	
Shafer, Ferrel.....	Marshall, Ind.	.....	Porter, Ind.

DEPARTMENT OF AGRICULTURE.

Abshire, Turner M.....	Todd, Ky.	Cox, William J.....	Brown, Wis.
Ackeberg, F. F.....	Whiteside, Ill.	Chloe, Creamer.....	Warren, Ind.
Albertson, Gertrude E.....		Daugherty, Laura.....	Adams, Pa.
.....	Porter, Ind.	De Vault, James R.....	
Anveroff, Fuad.....	Russia, Europe	.....	Montgomery, Ind.
Badger, Sarah.....	Wabash, Ind.	Eberly, W. J.....	Elk, Pa.
Bender, F. J.....	Porter, Ind.	Eberly, Claude R.....	Elk, Pa.
Bible, E. J.....	Rising Fawn, Ga.	Echterling, Edward E.....	Lake, Ind.
Blum, Samuel.....	New York, N. Y.	Enoch, Clyde M.....	Walker, W. Va.
Bockstahler, Lester I.....		Eppe, Alfred G.....	Luzerne, Pa.
.....	Spencer, Ind.	Firebaugh, Lela.....	Pulaski, Ind.
Boyle, Joseph.....	Pulaski, Ind.	Fisher, Fred E.....	Harrison, Ind.
Brandt, Henryette.....	Delaware, Ind.	Georgieff, Constantine.....	
Butchell, Wm.....	St. Joseph, Ind.	.....	Bulgaria, Europe
Bulleit, Frank.....	Harrison, Ind.	Gibson, Albert N.....	Caldwell, Mo.
Byham, George.....	McKean, Pa.	Gladden, Mary.....	Scott, Ind.
Chahill, Morsie.....	Albany	Gloor, Amelia C.....	Laporte, Ind.
Chally, Alfred.....	Kankakee, Ill.	Graverson, T. E.....	Marshall, Ind.
Cleveland, Harold W.....	Lake, Ind.	Gunnerson, D. G.....	Pulaski, Ind.
Cole, Junia M.....	Switzerland, Ind.	Harman, Richard.....	Seneca, N. Y.
Comer, Emma.....	White, Ind.	Harper, B. F.....	Pendleton, W. Va.

Herd, Edwin.....Union, Ohio
 Hess, Alma.....Lake, Ind.
 Hiigli, Rose.....LaPorte, Ind.
 Hoover, Pearl.....LaPorte, Ind.
 Huff, Levi.....Louisa, Iowa
 Hughes, H. W.....Porter, Ind.
 Imhoff, Marie.....Wayland, Iowa
 Jacobs, George.....
 South Bethlehem, Pa.
 Jeffrey, Lawrence W.....Wayne, O.
 Johnson, J. C.....Bradford, Pa.
 Jones, Grace.....Hamilton, Ind.
 Kohlmeier, Henry.....Gibson, Ind.
 Koroblenoff, Timofey.....
 Philadelphia, Pa.
 Kurtz, Gaylord.....Allen, Ind.
 Lambke, Harvey.....LaPorte, Ind.
 Lantis, Alfred.....
 Shiawassee, Mich.
 Magnuson, Mabel.....LaPorte, Ind.
 Malieckoff, A. S.....Russia, Europe
 Meredith, C. E.....Wells, Ind.
 Merrill, Ray R.....Bradford, Ind.
 Middleton, G. M.....Green, Tenn.
 Miller, Damon P.....
 Montgomery, Ind.
 Mozaffar, Khan.....Persia

Nowling, Charles.....Davies, Ind.
 Parker, Orion E.....Huron, Ohio
 Parson, Edith.....LaPorte, Ind.
 Payne, O.....Suffolk, N. Y.
 Reed, W. G.....Pulaski, Ind.
 Reeves, Rilla.....LaPorte, Ind.
 Rice, Carl.....Spencer, Ind.
 Romberg, F. B.....Bell, Tex.
 Sanderson, Max.....Stronghurst, Ill.
 Shirazi, M. A.....Persia, Asia
 Siegfried, Russell.....Clinton, Ind.
 Sites, E. C.....Grant, W. Va.
 Starkey, S. T.....Pine Bluffs, Ark.
 Temple, Gilbert.....
 Worcester, Mass.
 Thomas, Frank E.....
 Hales Eddy, N. Y.
 Thompson, Lloyd.....Union, Ohio
 Ticzon, Ricardo P.....Manila, P. I.
 Underwood, Walter.....LaPorte, Ind.
 Wagner, J. J.....Stephenson, Ill.
 Ward, Angus I.....Houghton, Mich.
 Warner, Edna.....Hamilton, Ind.
 Weeks, L. A.....Washington, Tenn.
 Webster, Mabelle.....Allen, Ind.
 Weldner, Paul R.....Clinton, Ind.
 Wesley, Finley.....Tipton, Ind.

DEPARTMENT OF SPECIAL PENMANSHIP.

Adams, Mrs. Bertha.....Madison, Ill.
 Altman, E. E.....Appling, Ga.
 Anderson, Earl.....Carlton, Minn.
 Annis, Arthur A.....Marshall, Ind.
 Baertsch, C. R.....Buffalo, Wis.
 Basinger, C. L.....Putnam, Ohio
 Batterman, Louis.....Canada
 Beasley, Frank.....New Madrid, Mo.
 Bernard, B. W.....Mahoning, Ohio
 Bobilya, Fisk.....Van Wert, Ohio
 Brown, Harry R.....Newton, Ind.
 Burlingame, Tracy.....Benton, Ind.
 Chamness, Gus.....Johnston, Ill.
 Church, W. P.....Marinette, Wis.
 Cross, Thomas.....Baltrami, Minn.
 Cunningham, Myron C.....
 Fergus, Mont.
 Devereaux, Harry.....St. Clair, Mich.
 Dollens, M. P.....Morgan, Ind.
 Dush, Willa M.....Shelby, Ill.
 Erickson, W. S.....Jefferson, Idaho
 Fuchs, O. D.....Sauk, Wis.
 Galamore, Samuel.....Martain, Cal.
 Gamache, Joseph.....Williams, N. D.
 Gooding, T. H.....Lincoln, Idaho
 Green, Geo.....Macon, Ill.
 Greene, Lois.....Macon, Ill.
 Haakenson, Gust.....Porter, Ind.
 Halgason, Arni.....Canada
 Harris, D. V.....Hanover, Va.
 Hatchett, F. A.....Franklin, Ill.
 Howell, Lottie.....Fairbault, Minn.
 Hurlless, R. N.....Clinton, Iowa
 Johnsen, G. C.....Cook, Ill.
 Kelly, Richard P.....Adams, Ind.
 Keplinger, E. B.....Sheridan, Mont.
 Koelling, Carl.....Will, Ill.
 Kundert, E. H.....McPherson, S. D.
 Leeds, Floyd.....Moultrie, Ill.

Lynch, James.....Essex, N. J.
 Maki, Herman.....St. Louis, Minn.
 Markle, Mattie.....Aurora, S. D.
 Merritt, J. E.....Lake, Tenn.
 Miller, H. C.....Sank, Wis.
 Miller, John.....Cook, Ill.
 Morgan, Jno.....Fayette, W. Va.
 McCallister, Andre.....Douglas, Ill.
 Nevada, Jas. H.....Worcester, Mass.
 Peck, T. L.....Franklin, Pa.
 Perry, Wm.....Wayne, W. Va.
 Potts, Beulah.....Newton, Ind.
 Rab, Edwil.....Will, Ill.
 Reynolds, D. P.....Obion, Tenn.
 Ring, G. A.....Scott, Ill.
 Rockwell, Agnes.....Nassau, N. Y.
 Ross, Arthur.....Cattaraugus, N. Y.
 Ruth, Monah.....Lehigh, Pa.
 Rutherford, Harry.....Lincoln, Idaho
 Skeen, Jacob M.....Alamasa, Col.
 Smith, Chester C.....Moody, S. D.
 Smith, C. B.....Luzerne, Pa.
 Southwick, E. N.....Wabauunsee, Kas.
 Staley, Preston.....
 Walla Walla, Wash.
 Stith, H. C.....Custer, Mont.
 Strawn, J. C.....Wichita, Tex.
 Tanner, W. L.....Williamson, Ill.
 Thain, James.....Erie, N. Y.
 Thurber, Herschil.....Fillmore, Minn.
 Told, Wm. H.....Utah, Neb.
 Udre, Peter.....Essex, Mass.
 Vincent, A. B.....Worcester, Mass.
 Walter, Paul.....Lake, Tenn.
 Welty, Arthur J.....Hocking, Ohio
 White, C. E.....Carter, Ky.
 Williams, Miss.....Newton, Ind.
 Wilson, G. W.....Yellowstone, Mont.
 Zimmerman, M. E.....Schuylkill, Pa.

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